Volume 28 General Index

Abdominal. *See* Intraabdominal

ABOUZEKRY, L. *See* BANNISTER, J J, ABOUZEKRY, L, *et al.*

Abscesses of liver, listerial, multiple (*Case report*), **1661**

Achalasia, 24 hour oesophageal acidity before and after pneumatic dilatation in, **883**

Achalasia-like disorder of oesophagus in von Recklinghausen's neurofibromatosis (*Case report*), **1522**

Achlorhydria and hypergastrinaemia as causal sequence for gastric carcinoid tumours, reassessment of (*Progress report*), **488**; (*Letters*), **1189, 1191, 1319**

ACTH-stimulated and basal steroidogenesis, dose related *in vitro* effects of cimetidine and ranitidine (*Letters*), **1688, 16[illegible]0**

Adenocarcinoma of small bowel and neurofibromatosis, association between (*Case report*), **1173**

Adenoma, hepatocellular, primary, rupture of, in adult man, spontaneous haemoperitoneum from (*Case report*), **1170**

Adenoma-carcinoma sequence and plasminogen activators in experimental colorectal neoplasia, **816**

Adenomatous polyposis, familial, biliary tract pathology in, assessment of (*Letters*), **1320**

———, ——, gastric and duodenal polyps in, nature and prevalence, **306**

Adenovirus, intestinal, human, role in pathogenesis of coeliac disease, evidence for, **[illegible]95**

ADLERCREUTZ, H. *See* HÄMÄLÄINEN, E, KORPELA, J T, *et al.*

ADNANI, M S. *See* KHUFFASH, F A, BARAKAT, M H, *et al.*

Adrenal endocrine tumour, mixed, causing steatorrhoea (*Case report)*, **1298**

ADRIAN, T E. *See* GOODLAD, R A, LENTON, W, *et al.*

——. *See* SAVAGE, [illegible] P, ADRIAN, T E, *et al.*

AFDHAL, N H, LONG, A, TOBBIA, I, CULLEN A, and O'DONOGHUE, D P: Immunohistochemical Ca19-9 in primary colonic polyps and polyps synchronous with colorectal cancer, **594**; (*Reprinted*), **1049**

Aging, effect on anorectal function, **353**

AHNFELT-RØNNE, I. *See* NIELSEN, O H, AHNFELT-RØNNE, I, *et al.*

AIDS, cholangitis in (*Case reports and review*), **1653**

——, cytomegalovirus colitis and oesophageal ulceration in, clinical manifestations and treatment with Foscarnet (*Case report*), **482**

AIDS-related Kaposi's sarcoma presenting as ulcerative colitis and complicated by toxic megacolon (*Case report*), **1302**

AINLEY, C C. *See* MAXTON, D G, AINLEY, C C, *et al.*

AITKEN, R J: Assessment of biliary tract pathology in familial adenomatous coli (*Letter*), **1320**

AKAGI, M. *See* SAKAMOTO, K, HAGA, Y, *et al.*

A[illegible]SON, B. *See* THESLEFF, P, BENONI, C, *et al.*

Albendazole sulphoxide, penetration into hydatid cysts, **75**

Alcohol, absolute, endoscopic sclerotherapy using (*Letter*), **777**

Alcoholic cirrhosis, hepatic intestinal uptake and release of catecholamines in, evidence of enhanced hepatic intestinal sympathetic nervous activity in, **1637**

—— hepatitis, acute, cellular injury in, free radical generation by neutrophils as potential mechanism of, **1157**

ALDERSLEY, M A. *See* ROBERTSON, D A F, ALDERSLEY, M A, *et al.*

ALEXANDER, G. *See* ANDERSON, M G, HARRISON, T J, *et al.*

Alkaline secretion, gastric and duodenal, stimulated by De-Nol through prostaglandin dependent mechanism, **1557**

———, ——, in normal subjects and in duodenal ulcer, vagal cholinergic control of, **739**; (*Letters*), **1687**

ALLAM, B F, TILLMAN, J E, THOMSON, T J, CROSSLING, F T, and GILBERT, L M: Effective intravenous cyclosporin therapy in a patient with severe Crohn's disease on parenteral nutrition (*Case report*), **1166**

ALLAN, R N. *See* ANDREWS, H, BARCZAK, P, *et al.*

ALLEN, A. *See* SELLERS, L A, ALLEN, A, *et al.*

ALLEN-MERSH, T G, KEMENY, N, NIEDZWIECKI D, SHURGOT, B, and DALY, J M: Significance of a fall in serum CEA concentration in patients treated with cytotoxic chemotherapy for disseminated colorectal cancer, **1625**

ALLISON D J. *See* THOMPSON, J N, SALEM, R R, *et al.*

AL MARDINI, H, LINDSAY, D C, DEIGHTON, C M, and RECORD, C O: Effect of polymer coating on faecal recovery of ingested 5-amino salicylic acid in patients with ulcerative colitis, **1084**

Alpha-1 and alpha-2 adrenoceptors, involvement in postlaparotomy intestinal motor disturbances in rat, **955**

ALTMAN, D G. *See* HILL, I D, and ALTMAN, D G

p-Aminobenzoic acid. *See* PABA

5-Aminosalicylic acid given intravenously or released at different sites in gastrointestinal tract, metabolism and urinary excretion in healthy volunteers, **196**

———, ingested, faecal recovery in ulcerative colitis, effect of polymer coating, **1084**

p-Aminosalicylic acid, PABA test with, improved specificity of, **468**

AMMON, H V, FOWLE, S A, CUNNINGHAM, J A, KOMOROWSKI, R A, and LOEFFLER, R F: Effects of auranofin and myochrysine on intestinal transport and morphology in the rat, **829**

——. *See also* KARAUS, M, SARNA, S K, *et al.*

Amoebic infection in guinea pigs, alterations of humoral, cell mediated and antibody dependent cell mediated cytotoxic responses during, **1251**

Ampulla of Vater, carcinoid tumour of, presenting as acute pancreatitis (*Case report*), **1296**

Amyloidosis, lambda-AL, cholestasis and liver failure with (*Case report*), **903**

Anal canal pressure profile, reappraisal as determined by rapid pullthrough technique, **1234**

ANAND, B S. *See* KUMAR, A, KUMAR, N, *et al.*

——. *See* SARIN, S K, NANDA, R, *et al.*

——. *See* SARIN, S K, SACHDEV, G K, *et al.*

Anastomoses, colonic, proliferative instability and experimental carcinogenesis at, **808**

Anastomotic recurrence of colorectal cancer, biological phenomenon or avoidable calamity? (*Leading article*), **786**; (*Letter*), **1691**

ANDERSEN, J R. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*

ANDERSON, M G, HARRISON, T J, ALEXANDER, G, ZUCKERMAN, A J, and MURRAY-LYON, I M: Randomised controlled trial of lymphoblastoid interferon for chronic active hepatitis B (*Clinical trial*), **619**

ANDREWS, H, BARCZAK, P, and ALLAN, R N: Psychiatric illness in patients with inflammatory bowel disease, **1600**

ANGELIN, B. *See* EINARSSON, K, ANGELIN, B, *et al.*

Anorectal function, effect of aging, **353**

ANTELL, L A. *See* KARLSTADT, R G, FRANK, W O, *et al.*

Antibodies, complement fixing, against lipopolysaccharides from *E coli*, absence in subgroup of patients with Crohn's disease, **1460**

Antibody dependent cell mediated, cell mediated and humoral cytotoxic responses, alterations during amoebic infection in guinea pigs, **1251**

Antigen, carcinoembryonic. *See* Carcinoembryonic antigen

Antigens, dietary, passage into blood of coeliac children, and quantification and size distribution of antigens, **1062**

Anti-inflammatory drugs, non-steroidal, adverse effects, incidence and avoidance (*Leading article*), **515**

———, ——, and life threatening complications of peptic ulceration, **527**

———, ——, and peptic ulcer (*Letters*), **111**

———, ——, and prostaglandins, effect on permeability of human small intestine, statistical assessment (*Letters*), **777**

———, ——, influence on treatment of peptic ulcer in patients with rheumatic disease (*Clinical trial*), **226**

Anti-muscarinic and H_2 receptor blockade, combined, in healing of refractory duodenal ulcer, **1505**

Antisecretory drugs for acid suppression in duodenal ulcer, optimal dosing defined by meta-analysis, **1120**

α_1-Antitrypsin and ^{111}In-labelled granulocytes, faecal excretion of, in assessment of disease activity in chronic inflammatory bowel diseases, **386**

ANTON, P. *See* BUTLER, T, DAHMS, B, *et al.*

ANTONIN, K H, and BIECK, P R: Transdermal scopolamine and gastric acid secretion (*Letter*), **1686**

Antroduodenal motility and transpyloric fluid movement in patients with gastro-oesophageal reflux, **545**

Arachidonate and metabolites extracted from human normal and malignant gastrointestinal tissues, measurement of, **315**

Arachidonic acid composition of phospholipids, increase in colonic mucosa in active ulcerative colitis, **1002**

—— —— metabolism, abnormal, in chronic inflammatory bowel disease with enhanced release of leucotriene B_4 from activated neutrophils, **181**

ARATO, A, SAVILAHTI, E, TAINIO, V-M, VERKASALO, M, and KLEMOLA, T: HLA-DR expression, natural killer cells and IgE containing cells in the jejunal mucosa of coeliac children, **988**

ARCHIMANDRITIS, A, TZIVRAS, M, DELLADETSIMA, A, and TRYPHONOS, M: Collagenous colitis in Greece (*Letter*), **230**

ARM, J P. *See* BLOODWORTH, L L, STEVENS, P E, *et al.*

ARMSTRONG, C P, and BLOWER, A L: Non-steroidal anti-inflammatory drugs and life threatening complications of peptic ulceration, **527**

Arthritis, reactive, intestinal inflammation related to, histopathology of, **394**

ASALA, S A, BOWER, A J, and LAWES, I N C: Effects of partial truncal vagotomy on intragastric pressure responses to vagal stimulation and gastric distension in ferrets, **1569**

Aspiration cytology, needle, endoscopic, in diagnosis of upper gastrointestinal cancer, **1142**

Aspirin, chronic gastric ulceration in rat induced by, degree of, molecular weight of gastric mucus glycoprotein as predeterminant of, **287**

ATKINSON, M: Monitoring oesophageal pH (*Leading article*), **509**

——. *See also* FOSTER, P N, STEWART, M, *et al.*

——. *See also* SMART, H L, FOSTER, P N, *et al.*

Auranofin and myochrysine, effects on intestinal transport and morphology in rat, **829**

AUSTIN, R K. *See* KAGNOFF, M F, PATERSON, Y J, *et al.*

Autonomic stimulation, centrally mediated, action on upper gastrointestinal transit, comparative study of 2 stimuli, **960**

AXELSSON, C K. *See* SZECSI, P B, HALGREEN, H, *et al.*

AXON, A T R, BOTTRILL, P M, and CAMPBELL, D (for BSG Working Party on the Staffing of Endoscopy Units): Results of a questionnaire concerning the staffing and administration of endoscopy in England and Wales, **1527**

——. *See also* MANNING, A P, BULGIM, O R, *et al.*

AZAD, M A K. *See* BUTLER, T, DAHMS, B, *et al.*

BACA, M E, MOWAT, A MCI, MACKENZIE, S, and PARROTT, D M V: Functional characteristics of intraepithelial lymphocytes from mouse small intestine, III. Inability of intraepithelial lymphocytes to induce a systemic graft-versus-host reaction is because of failure to migrate *in vivo*, **1267**

BACKON, J: Ginger and carbon dioxide as thromboxane synthetase inhibitors: potential utility in treating peptic ulceration (*Letter*), **1323**

Bacterial infection problems in liver disease (*Progress report*), **623**

—— metabolism, colonic, effect of changing transit time, **601**

—— proteases, colonic, to IgA_1 and sIgA in ulcerative colitis, **186**; (*Letter*), **917**

BAGSHAW, P F, MUNSTER, D J, and WILSON, J G: Molecular weight of gastric mucus glycoprotein is a determinant of the degree of subsequent aspirin induced chronic gastric ulceration in the rat, **287**

BAKLIEN, K. *See* VALNES, K, BRANDTZAEG, P, *et al.*

BANCEWICZ, J. *See* MUGHAL, M M, MARPLES, M, *et al.*

BANNISTER, J J, ABOUZEKRY, L, and READ, N W: Effect of aging on anorectal function, **353**

——, DAVISON P, TIMMS, J M, GIBBONS, C, and READ, N W: Effect of stool size and consistency on defecation, **1246**

——, GIBBONS, C, and READ, N W: Preservation of faecal continence during rises in intra-abdominal pressure: is there a role for the flap valve?, **1242**

BARAKAT, M H. *See* KHUFFASH, F A, BARAKAT, M H, *et al.*

BARBARA, L. *See* CORINALDESI, R, STANGHELLINI, V, *et al.*

BARBATIS, C. *See* CUVELIER, C, BARBATIS, C, *et al.*

BARCZAK P. *See* ANDREWS, H, BARCZAK, P, *et al.*

BARDHAN, K D, THOMPSON, M, BOSE, K, HINCHLIFFE, R F C, CROWE, J, WEIR, D G, MCCARTHY, C, WALTERS, J, THOMSON, T J, THOMPSON, M H, GAIT, J E, KING, C, and PRUDHAM, D: Combined anti-muscarinic and H_2 receptor blockade in the healing of refractory duodenal ulcer: a double blind study (*Clinical trial*), **1505**

BARR, G D, HUDSON, M J, PRIDDLE, J D, and JEWELL, D P: Colonic bacterial proteases to IgA_1 and sIgA in patients with ulcerative colitis, **186**

BARR, H. *See* BOWN, S G, HAWES, R, *et al.*

——. *See* KRASNER, N, BARR, H, *et al.*

BARRISON, I. *See* WEBER, J N, THOM, S, *et al.*

BARRY, R E. *See* WILLIAMS, A J K, and BARRY, R E

BARTER, S. *See* GUPTA, S, BARTER, S, *et al.*

BASSOTTI, G. *See* NARDUCCI, F, BASSOTTI, G, *et al.*

BATT, R M, HART, C A, MCLEAN, L, and SAUNDERS, J R: Organ culture of rabbit ileum as a model for the investigation of the mechanism of intestinal damage by enteropathogenic *Escherichia coli*, **1283**

BATTAGLIA, G, DI MARIO, F, PICCOLI, A, VIANELLO, F, FARINATI, F, and NACCARATO, R: Clinical markers of slow healing and relapsing gastric ulcer, **210**

BAUERFEIND, P, CILLUFFO, T, FIMMEL, C J, EMDE, C, RITTER, C VON, KOHLER, W, GUGLER, R, GASSER, T, and BLUM, A L: Does smoking interfere with the effect of histamine H_2-receptor antagonists on intragastric acidity in man?, **549**

BAVARIAN CONSTIPATION STUDY GROUP and MÜLLER-LISSNER, S A: Treatment of chronic constipation with cisapride and placebo (*Clinical trial*), **1033**

BAXTER, J N, GRIME, J S, CRITCHLEY, M, JENKINS, S A, and SHIELDS, R: Relationship between gastric emptying of a solid meal and emptying of the gall bladder before and after vagotomy, **855**

——. *See also* MACKIE, C R, BAXTER, J N, *et al.*

——. *See also* PARR, N J, GRIME, J S, *et al.*

BECK, H. *See* JENSEN, S L, HOLST, J J, *et al.*

BECKER, W. *See* FISCHBACH, W, BECKER, W, *et al.*

BEEKEN, W, NORTHWOOD, I, BELIVEAU, C, and GUMP, D: Phagocytes in cell suspensions of human colon mucosa, **976**

BELAICHE, J, ZITTOUN, J, MARQUET, J, YVART, J, and CATTAN, D: *In vitro* effect of duodenal juice on R binders cobalamin complexes in subjects with pancreatic insufficiency: correlation with cobalamin absorption, **70**

BELIVEAU, C. *See* BEEKEN, W, NORTHWOOD, I, *et al.*

BENHAMOU, J-P. *See* ROULOT, D, VALLA, D, *et al.*

BENNETT, A, CIVIER, A, HENSBY, C N, MELHUISH, P B, and STAMFORD, I F: Measurement of arachidonate and its metabolites extracted from human normal and malignant gastrointestinal tissues, **315**

BENNETT, J R. *See* COX, J, and BENNETT, J R

BENNETT, M K. *See* SELLERS, L A, ALLEN, A, *et al.*

BENONI, C. *See* THESLEFF, P, BENONI, C, *et al.*

BERGH, F A J T M VAN DEN. *See* HOEK, F J, BERGH, F A J T M VAN DEN, *et al.*

BERRY, A R. *See* DIXON, J M, CHAPMAN, R W, *et al.*

BERSTOCK, D A. *See* MCINERNEY, P D, VAN DESSEL, M G, *et al.*

Beta-blockade, development of cirrhosis in response to, changes in blood flow, portal pressure and shunting during, **663**

BHASIN, D K, KOCHHAR, R, and MEHTA, S K: Portal hypertensive gastric mucosa (*Letter*), **1324**

BHASKAR, N K. *See* WALT, R P, KEMP, R T, *et al.*

BHATIA, D. *See* CHAKRABORTY, T K, BHATIA, D, *et al.*

BIANCHI PORRO, G, PARENTE, F, and LAZZARONI, M: Tripotassium dicitrato bismuthate versus two different dosages of cimetidine in the treatment of resistant duodenal ulcers (*Clinical trial*), **907**

——, and PETRILLO, M: Disodium cromoglycate and prednisolone enemas in the treatment of ulcerative colitis (*Letter*), **1323**

BIANCONE, L. *See* PALLONE, F, FAIS, S, *et al.*

Bicarbonate and prostaglandin E_2 output by normal human stomach, effect of luminal pH, **1291**

BIECK, P R. *See* ANTONIN, K H, and BIECK, P R

BIELAŃSKI, W. *See* KONTUREK, S J, POPIELA, T, *et al.*

BIEMOND, I, LANGE, G G DE, WETERMAN, I T, and PEÑA, A S: Immunoglobulin allotypes in Crohn's disease in the Netherlands, **610**

BIGGS, B A, CROWE, S M, LUCAS, C R, RALSTON, M, THOMPSON, I L, and HARDY, K J: AIDS related Kaposi's sarcoma presenting as ulcerative colitis and complicated by toxic megacolon (*Case report*), **1302**

Bile acid concentrations, intragastric, unrelated to flatulent dyspepsia in patients with and without gallbladder disease and post-cholecystectomy, **131**

—— —— malabsorption in functional diarrhoea, detection of, ^{75}SeHCAT test results and correlation with small bowel transit, **970**

—— —— secretion in cystic fibrosis (*Letter*), **506**

—— acids, duodenal, relationship to colorectal neoplasia, **1454**

—— ——, unconjugated, serum concentrations, increase in, intestinal involvement in progressive systemic sclerosis detected by, **446**

—— reflux equal in healthy controls and gastric ulcer patients, **1577**

—— salts, secondary, metabolism of, effect of long term lactulose ingestion, and potential protective effect of lactulose in colonic carcinogenesis, **675**

Biliary disease, portal hypertension in, development of, role of liver atrophy, hepatic resection and hepatocyte hyperplasia in, **1022**

—— lipid metabolism in chronic pancreatitis, influence of steatorrhoea, **1495**

—— tract pathology in familial adenomatous coli, assessment of (*Letters*), **1320**

BILLY, H T. *See* DUBICK, M A, CONTEAS, C N, *et al.*

BILSKI, J. *See* KONTUREK, S J, BILSKI, J, *et al.*

BINDER, V. *See* SØRENSEN, V Z, OLSEN, B G, *et al.*

Biopsy, fine needle, effect of needle size in (*Letter*), **912**

——, —— ——, for cytology, histology or both (*Leading article*), **233**

——, —— ——, ultrasonically guided, in histologic differential diagnosis of focal liver lesions, **237**

BIRNIE, G G, THOMPSON, G G, MURRAY, T, WATKINSON, G, and BRODIE, M J: Enhanced oral bioavailability of meptazinol in cirrhosis, **248**

BISHOP, P E, MCMILLAN, A, and GILMOUR, H M: Immunological study of the rectal mucosa of men with and without human immunodeficiency virus infection, **1619**

Bismuth subcitrate, colloidal. *See* De-Nol

BJARNASON, I, and PETERS, T J: Helping the mucosa make sense of macromolecules (*Leading article*), **1057**

——, WILLIAMS, P, SMETHURST, P, PETERS, T J, and LEVI, J A: Intestinal permeability and statistics (*Letter*), **777**

BLACKWELL, J N. *See* DE CAESTECKER, J S, BLACKWELL, J N, *et al.*

BLAND, J M. *See* CHAMBERS, J B, PRYCE, D, *et al.*

Bleeding. *See* Haemorrhage

Blood flow, mesenteric, effect of exercise, **583**

—— ——, portal pressure and shunting, changes during development of cirrhosis in response to beta-blockade, **663**

—— —— stasis, temporary, with degradable starch microspheres for liver metastases in rat model, **1201**

—— of coeliac children, passage of dietary antigens into, and quantification and size distribution of antigens, **1062**

——, peripheral, and intestinal lamina propria, lymphocyte activation in Crohn's disease defined by expression of early activation antigens in, **745**

——, portal, hepatic and venous, and large intestine, human, short chain fatty acids in, **1221**

BLOODWORTH, L L, STEVENS, P E, BURY, R F, ARM, J P, and RAINFORD, D J: Emphysematous gastritis after acute pancreatitis (*Case report*), **900**

BLOOM, S R. *See* GOODLAD, R A, LENTON, W, *et al.*

——. *See* SAVAGE, A P, ADRIAN, T E, *et al.*

——. *See* SAVAGE, A P, MATTHEWS, J L, *et al.*

——. *See* SPILLER, R C, LEE, Y C, *et al.*

BLOWER, A L. *See* ARMSTRONG, C P, and BLOWER, A L

BLUM, A L. *See* BAUERFEIND, P, CILLUFFO, T, *et al.*

——. *See* EMDE, C, GARNER, A, *et al.*

BLUMGART, L H. *See* HADJIS, N S, and BLUMGART, L H

BOESBY, S. *See* GUSTAFSEN J, BOESBY, S, *et al.*

BOIRIVANT, M. *See* PALLONE, F, FAIS, S, *et al.*

Book reviews:

- BAYLESS, T M: *Current therapy in gastroenterology and liver disease – 2*, 1986, **919**
- BRANSKI D, *et al.*, eds: *Paediatric gastroenterology: aspects of immunology and infection*, 1986, **1324**
- BROSTOFF, J, and CHALLACOMBE, S J, eds: *Food allergy and intolerance*, 1987, **1551**
- CLINCH, D, ed: *Peptic ulcer and its drug causations: the role of non-steroidal anti-inflammatory drugs*, 1986, **231**
- *Clinical gastroenterology*, Vol 1, No 1, *Liver tumours*, 1987, **1325**
- *Clinics in gastroenterology: Portal hypertension*, 1985, **507**
- —— —— ——: *Symptoms in gastroenterology*, 1985, **507**
- —— —— ——, Vol 15, No 1, *Paediatric gastroenterology*, 1986, **507**
- —— —— ——, Vol 15, No 2, *Endoscopy*, 1986, **1549**
- *Clinics in tropical medicine and communicable diseases*, 2, *Viral hepatitis*, 1986, **1551**
- DAY, D W: *Biopsy pathology of the oesophagus, stomach and duodenum*, 1986, **1324**
- FIELDING, J W L, and PRIESTMAN, T J, eds: *Gastrointestinal oncology*, 1986, **920**
- FILIPE, M I, and JASS, J R, eds: *Gastric carcinoma*, 1986, **779**
- *Frontiers of gastrointestinal research*, Vol 12, *Cancer of the exocrine pancreas*, 1986, **230**
- FRY, D E, ed: *Reoperative surgery of the abdomen*, 1986, **365**
- FURNESS, J B, and COSTA, M: *The enteric nervous system*, 1987, **1550**
- HEATLEY, R V, LOSOWSKY, M S, and KELLEHER, J, eds: *Clinical nutrition in gastroenterology*, 1986, **920**
- JOHNSON, A G, and TRIGER, D R: *Liver disease and gallstones – the facts*, 1987, **1550**
- MCCONNELL, R, *et al.*, eds: *The genetics and epidemiology of inflammatory bowel disease*, 1986, **1056**
- MANUEL, P D, WALKER-SMITH, J A, and TOMKINS, A, eds: *Infections of the gastrointestinal tract*, 1986, **112**
- MAY, G, and GARDINER, R: *Clinical imaging of the pancreas*, 1987, **1552**
- MEGIBOW, A J, and BALTHAZAR, E J, eds: *Computed tomography of the gastrointestinal tract*, 1986, **919**
- MEYERS, M A, ed: *Computed tomography of the gastrointestinal tract including the peritoneal cavity and mesentery*, 1986, **113**
- MISIEWICZ, J J, POUNDER, R E, and VENABLES, C W, eds: *Diseases of the gut and pancreas*, 1987, **918**
- ——, *et al.*, eds: *Atlas of clinical gastroenterology*, 1987, **1692**
- OSTROW, J D, ed: *Bile pigments and jaundice: molecular, metabolic, and medical aspects*, 1986, **365**
- *Recent advances in gastroenterology*, 1986, **1550**
- *Recent advances in hepatology*, Vol 2, 1986, **364**
- ROBINSON, P J A, ed: *Nuclear gastroenterology*, 1986, **365**
- ROZEN, P, and WINAWER, S J, eds: *Secondary prevention of colorectal cancer*, 1986, **507**
- *Silvergirl's Surgery – biliary tract* (ed J O Robinson), 1987, **1325**
- SKOLNICK, M L, ed: *Guide to the ultrasound examination of the abdomen*, 1986, **1056**
- *Topics in gastroenterology*, 13, 1985, **644**
- —— —— ——, 1986, **779**
- TRIGER, D R, ed: *Clinical immunology of the liver and gastro-intestinal tract*, 1986, **508**
- TYTGAT, G N J, and TIO, T L: *Atlas of transintestinal ultrasonography*, 1986, **779**
- WANEBO, H, ed: *Hepatic and biliary cancer*, 1987, **778**
- WILLIAMS, R, ed: *Liver failure*, 1986, **112**

Books received, **113, 232**

BOOTH, I. *See* LASK, B, JENKINS, J, *et al.*

BORCH, K, RENVALL, H, LUNDIN, C, and WAHREN, B: Evaluation of gastric carcinoembryonic antigen analysis as an aid during screening for gastric neoplasia in atrophic gastritis, **26**

BORDI, C, CREUTZFELDT, W, HÅKANSON, R, SOLCIA, E, and SUNDLER, F: Achlorhydria: hypergastrinaemia: carcinoids – a flawed hypothesis (*Letter*), **1189**
BORNMAN, P C. *See* KALVARIA, I, BORNMAN, P C, *et al*.
BOSE, K. *See* BARDHAN, K D, THOMPSON, M, *et al*.
BOTTRILL, P M. *See* AXON, A T R, BOTTRILL, P M, *et al*.
BOULOS, P B. *See* BOWN, S G, HAWES, R, *et al*.
——. *See* GELISTER, J S K, LEWIN, M R, *et al*.
BOULTON, P. *See* SANDERSON, I R, BOULTON, P, *et al*.
Bowel. *See* Intestine(s)
BOWER, A J. *See* ASALA, S A, BOWER, A J, *et al*.
BOWN, S G, HAWES, R, MATTHEWSON, K, SWAIN, C P, BARR, H, BOULOS, P B, and CLARK, C G: Endoscopic laser palliation for advanced malignant dysphagia, **799**
BOYLE, P. *See* GALLOWAY, D J, JARRETT, F, *et al*.
BOYLSTON, A. *See* WEBER, J N, THOM, S, *et al*.
BRADSHAW, M J. *See* BROWN, A M, BRADSHAW, M J, *et al*.
Bradykinin in carcinoid syndrome, **1417**
Bran efficacious in irritable bowel syndrome? (*Clinical trial*), **221**
BRANCH, W J. *See* CUMMINGS, J H, POMARE, E W, *et al*.
BRANDTZAEG, P. *See* KETT, K, and BRANDTZAEG, P
——. *See* VALNES, K, BRANDTZAEG, P, *et al*.
BRAYE, S. *See* MCLAREN, M, BRAYE, S, *et al*.
Breath test, hydrogen, evaluation of, and definition and elimination of early hydrogen peak, **721**
BREEN, E G, FARREN, C, CONNOLLY, C E, and MCCARTHY, C F: Collagenous colitis and coeliac disease (*Letter*), **364**
BRENNAN, T G. *See* MONSON, J R T, RAMSDEN, C W, *et al*.
BRITISH SOCIETY OF GASTROENTEROLOGY, Endoscopy Section Committee: Report – Future requirements for colonoscopy in Britain, **772**
————————, Working Party on the Staffing of Endoscopy Units: Report, **1682**
————————, ————————————————: Results of a questionnaire concerning the staffing and administration of endoscopy in England and Wales, **1527**
BRODIE, M J. *See* BIRNIE, G G, THOMPSON, G G, *et al*.
BROOR, S L. *See* SARIN, S K, NANDA, R, *et al*.
BROSTRÖM, O. *See* LÖFBERG, R, TRIBUKAIT, B, *et al*.
BROWN, A M, BRADSHAW, M J, RICHARDSON, R, WHEELER, J G, and HARVEY, R F: Pathogenesis of the impaired gall bladder contraction of coeliac disease, **1426**
BROWN, C. *See* EDWARDS, C A, HOLDEN, S, *et al*.
BROWN, N J, RUMSEY, R D E, and READ, N W: Adaptation of hydrogen analysis to measure stomach to caecum transit time in the rat, **849**
BRUN-VEZINET, F. *See* ROULOT, D, VALLA, D, *et al*.
BRZOZOWSKI, T. *See* KONTUREK, S J, RADĘCKI, T, *et al*.
BUCHANAN, K. *See* MCCOLL, K E L, BUCHANAN, N M M, *et al*.
BUCHANAN, N M M. *See* MCCOLL, K E L, BUCHANAN, N M M, *et al*.
Budd-Chiari syndrome, diagnosis of, comparison of ultrasonography, computed tomography and ^{99m}Tc liver scan in, **242**
BUDILLON, G. *See* PARRILLI, G, CUOMO, R, *et al*.
BUENO, L. *See* FREXINOS, J, FIORAMONTI, J, *et al*.
——. *See* SAGRADA, A, FARGEAS, M J, *et al*.
BUKHAVE, K. *See* LAURITSEN, K, LAURSEN, L S, *et al*.
BULGIM, O R. *See* MANNING, A P, BULGIM, O R, *et al*.
BULLIMORE, D: Variceal bleeding: does variable delay in trial entry invalidate comparison between trials?, **653**
BURGET, D W. *See* JONES, D B, HOWDEN, C W, *et al*.
BURHOL, P G. *See* JORDE, R, BURHOL, P G, *et al*.
BURLAND, W L. *See* DEAKIN, M, GLENNY, H P, *et al*.
BURNHAM, W R. *See* O'BRIEN, J D, THOMPSON, D G, *et al*.
BURY, R F. *See* BLOODWORTH, L L, STEVENS, P E, *et al*.
BUTLER, R: ^{14}C triolein breath test (*Letter*), **1320**
BUTLER, T, DAHMS, B, LINDPAINTNER, K, ISLAM, M, AZAD, M A K, and ANTON, P: Segmental necrotising enterocolitis: pathological and clinical features of 22 cases in Bangladesh, **1433**
BYTH, K. *See* NASIRY, R W, MCINTOSH, J H, *et al*.

Ca19-9, immunohistochemical expression in primary colonic polyps and polyps synchronous with colorectal cancer, **594**; (*Reprint*), **1049**
Calcium binding protein, 10000 molecular weight, distribution along small and large intestine of man, **878**
——, *in vitro* stimulation of pancreatic enzyme discharge by, **1215**
CAMILLERI M. *See* STANGHELLINI V, CAMILLERI M, *et al*.
CAMPBELL, D. *See* AXON, A T R, BOTTRILL, P M, *et al*.
CAMPBELL, G R. *See* MOOREHEAD, R J, CAMPBELL, G R, *et al*.
Carbohydrate salvage by colon, impairment of, diarrhoea in ulcerative colitis related to?, **1090**
Carbon dioxide and ginger as thromboxane synthetase inhibitors for peptic ulceration (*Letter*), **1323**
CARBONE, F R. *See* KAGNOFF, M F, PATERSON, Y J, *et al*.
Carcinoembryonic antigen, gastric, analysis of, as aid during screening for gastric neoplasia in atrophic gastritis, evaluation of, **26**
————, serum concentration, fall after cytotoxic chemotherapy for disseminated colorectal cancer, significance of, **1625**
Carcinogenesis, colonic, effect of long term lactulose ingestion on secondary bile salt metabolism and potential protective effect of lactulose in, **675**
——, colorectal, dietary manipulation during, morphological and cell kinetic effects of, **754**
——, experimental, and proliferative instability at colonic anastomoses, **808**
——, gastric, in precancerous conditions, nitrosamine hypothesis of, evaluation of, and urinary N-nitrosoproline excretion, **216**
——, intestinal, experimental, and enteroglucagon in rat, **33**
Carcinoid flush, cause of (*Leading article*), **1413**
—— syndrome, bradykinin in, **1417**
—— tumour of ampulla of Vater presenting as acute pancreatitis (*Case report*), **1296**
—— tumours, gastric, achlorhydria and hypergastrinaemia as causal sequence for, reassessment of (*Progress report*), **488**; (*Letters*), **1189, 1191, 1319**
Carcinoma after peptic ulcer surgery (*Leading article*), **921**
—— and dysplasia development in longstanding ulcerative colitis, flow cytometric DNA analysis as method of prediction of, **1100**
——, colonic, macrophage chemotaxis in, tumour related inhibition of, **416**
——, colorectal, anastomotic recurrence of, biological phenomenon or avoidable calamity? (*Leading article*), **786**; (*Letter*), **1691**
——, ——, disseminated, fall in serum CEA concentration after cytotoxic chemotherapy for, significance of, **1625**
——, ——, in ulcerative colitis (*Letter*), **917**
——, ——, polyps synchronous with, and primary colonic polyps, immunohistochemical Ca19-9 in, **594**; (*Reprint*), **1049**
——, gastric, gastric enzymes as screening test for, **319**
——, gastrointestinal, lymphokine activated killer cells in, **1420**
——, ——, upper, diagnosis of, endoscopic needle aspiration cytology in, **1142**
——, hepatocellular, primary, lysis of tumour cells by lymphokine-activated killer cells in, **117**
—— immunotherapy with lymphokine-activated killer cells (*Leading article*), **113**
——, increased risk at multiple sites after gastric surgery for peptic ulcer, **924**
——, oesophageal, palliation for (*Leading article*), **781**
Cardia, pneumatic dilatation of, 24 hour oesophageal acidity in achalasia before and after, **883**
CAROLAN, G. *See* SAVAGE, A P, ADRIAN, T E, *et al*.
CARR, K. *See* GALLOWAY, D J, JARRETT, F, *et al*.
CARTER, D C: Cancer after peptic ulcer surgery (*Leading article*), **921**
CASTELLI, M. *See* SIMI, M, LEARDI, S, *et al*.
Catecholamines, hepatic intestinal uptake and release in alcoholic cirrhosis, evidence of enhanced hepatic intestinal sympathetic nervous activity in, **1637**
Cation transport in colonic epithelium, acute effects of dexamethasone, **701**
CATTAN, D. *See* BELAICHE, J, ZITTOUN, J, *et al*.
CAYGILL, C P J, HILL, M J, HALL, C N, KIRKHAM, J S, and NORTHFIELD, T C:

Increased risk of cancer at multiple sites after gastric surgery for peptic ulcer, **924**

CECCHETTI, L. *See* SCIARRETTA, G, FAGIOLI, G, *et al.*

Cell mediated, antibody dependent cell mediated and humoral cytotoxic responses, alterations during amoebic infection in guinea pigs, **1251**

Cerebral oedema, fulminant hepatic failure with, neurological sequelae in 2 patients recovered from (*Case reports*), **93**

CHAKRABORTY, T K, BHATIA, D, HEADING, R C, and FORD, M J: Salicylate induced exacerbation of ulcerative colitis (*Case report*), **613**

CHAMBERS, J B, PRYCE, D, BLAND, J M, and NORTHFIELD, T C: Effect of bedtime ranitidine on overnight gastric acid output and intragastric pH: dose/response study and comparison with cimetidine, **294**

CHANG, K J. *See* HSIEH, K H, SHU, S, *et al.*

CHAPMAN, R W. *See* DIXON, J M, CHAPMAN, R W, *et al.*

CHARI, S. *See* SARIN, S K, NANDA, R, *et al.*

CHATTERJEE, V K. *See* SAVAGE, A P, ADRIAN, T E, *et al.*

CHAVES, M, SMITH, M W, and WILLIAMSON, R C N: Increased activity of digestive enzymes in ileal enterocytes adapting to proximal small bowel resection, **981**

CHAWLA, Y K. *See* DILAWARI, J B, and CHAWLA, Y K

CHENG, J T, and SHINOZUKA, K: Participation of prostaglandin E_2 in the purinergic neurotransmission of gut, **1605**

CHERIAN, L. *See* LAYER, P, HOTZ, J, *et al.*

CHIA, J L S. *See* KANG, J Y, WU, A Y T, *et al.*

CHINNERY, J B. *See* MORRIS, D L, CHINNERY, J B, *et al.*

Chlamydia trachomatis, isolation from liver of patient with prolonged fever (*Case report*), **1514**

Cholangitis in AIDS (*Case reports and review*), **1653**

Cholecystectomy, flatulent dyspepsia after, intragastric bile acid concentrations unrelated to, **131**

——, symptoms after, and prospective study of gall stone patients before and 2 years after surgery, **1500**

Cholelithiasis, peptic ulceration, and dyspepsia of unknown cause, clinical presentation of 221 patients and discriminant value of dyspeptic symptoms, **40**

Cholera, single dose tetracycline in (*Clinical trial*), **1029**

Cholescintigraphy, clinical, gall bladder emptying in normal subjects as data base for, **137**

Cholestasis and liver failure with lambda-AL amyloidosis (*Case report*), **903**

CHRISTENSEN, N J. *See* HENRIKSEN, J H, RING-LARSEN, H, *et al.*

CHRISTIANSEN, J. *See* OLSEN, J A, LOUD, F B, *et al.*

CHRISTIANSEN, L A. *See* JENSEN, S L, HOLST, J J, *et al.*

CHU, C T. *See* HSIEH, K H, SHU, S, *et al.*

CHU, K W. *See* LAU, W Y, FAN, S T, *et al.*

CHURCH, H A. *See* COMPSTON, J E, JUDD, D, *et al.*

CILLUFFO, T. *See* BAUERFEIND, P, CILLUFFO, T, *et al.*

Cimetidine and ranitidine, dose related *in vitro* effects on basal and ACTH-stimulated steroidogenesis (*Letters*), **1688, 1690**

——, bedtime, effect on overnight gastric acid output and intragastric pH, comparison with ranitidine, **294**

—— in 2 different dosages versus tripotassium dicitrato bismuthate in treatment of resistant duodenal ulcers (*Clinical trial*), **907**

Cirrhosis, alcoholic, hepatic intestinal uptake and release of catecholamines in, evidence of enhanced hepatic intestinal sympathetic nervous activity in, **1637**

——, development in response to beta-blockade, changes in blood flow, portal pressure and shunting during, **663**

——, enhanced oral bioavailability of meptazinol in, **248**

—— of liver and non-cirrhotic portal fibrosis, measurement and correlation of wedged hepatic, intrahepatic, intrasplenic and intravariceal pressures in, **260**

Cisapride and placebo in treatment of chronic constipation (*Clinical trial*), **1033**

——, chronic administration of, effect on gastric emptying of solid meal and dyspeptic symptoms in idiopathic gastroparesis, **300**

——, effect on gastrointestinal transit of solid meal in normal human subjects, **13**

—— inhibition of effect of serotonin on rat ileal transport, evidence for involvement of 5-HT_2 receptors in, **844**

CIVIER, A. *See* BENNETT, A, CIVIER, A, *et al.*

CLARK, C G. *See* BOWN, S G, HAWES, R, *et al.*

CLARK, M L. *See* LUCEY, M R, CLARK, M L, *et al.*

——. *See* PATIL, D H, WESTABY, D, *et al.*

CLAVEL, F. *See* ROULOT, D, VALLA, D, *et al.*

Clonidine, oral, for proctalgia fugax (*Case report*), **1039**

Cobalamin absorption, correlation with *in vitro* effect of duodenal juice on R binders cobalamin complexes in pancreatic insufficiency, **70**

COCKEL, R: NSAIDs – should every prescription carry a Government Health Warning? (*Leading article*), **515**

Coeliac disease among children in Kuwait, problems with diagnosis and management, **1595**

—— —— and collagenous colitis (*Letter*), **364**

—— —— and pseudopolycythaemia (*Case reports*), **1041**

—— ——, cellular hypersensitivity to gluten derived peptides in, **426**

—— ——, impaired gall bladder contraction of, pathogenesis of, **1426**

—— ——, jejunal mucosa of children with, HLA-DR expression, natural killer cells and IgE containing cells in, **988**

—— ——, partially treated, steatorrhoea caused by, delayed mouth-to-caecum transit of lactulose labelled liquid test meal in patients with, **1275**

—— ——, passage of dietary antigens into blood of children with, and quantification and size distribution of antigens, **1062**

—— ——, pathogenesis of, role of human intestinal adenovirus in, evidence for, **995**

Colectomy and ileostomy, patient's reactions to, personal account, **81**

COLGAN, S M. *See* WHORWELL, P J, PRIOR, A, *et al.*

Colitis and oesophageal ulceration due to cytomegalovirus in AIDS, clinical manifestations and treatment with Foscarnet (*Case reports*), **482**

——, collagenous, and coeliac disease (*Letter*), **364**

——, ——, in Greece (*Letter*), **230**

——, eosinophilic, case of (*Letter*), **506**

——, ischaemic, acute, bloody diarrhoea in female long distance runner due to (*Case report*), **896**

——, pseudomembranous, epidemic of, importance of person to person spread in, **1467**

——, ulcerative, active, increased arachidonic acid composition of phospholipids in colonic mucosa in, **1002**

——, ——, AIDS-related Kaposi's sarcoma presenting as, and complicated by toxic megacolon (*Case report*), **1302**

——, ——, and Crohn's disease of colon, local IgA subclass alterations in, **1013**

——, ——, chronic, in community, prognosis of, **1261**

——, ——, colonic bacterial proteases to IgA_1 and sIgA in, **186**; (*Letter*), **917**

——, ——, colorectal carcinoma in (*Letter*), **917**

——, ——, comparison of sodium cromoglycate enemas with prednisolone enemas in treatment of (*Clinical trial*), **88**; (*Letter*), **1323**

——, ——, diarrhoea in, related to impaired colonic salvage of carbohydrate?, **1090**

——, ——, DNA aneuploidy in (*Letters*), **642, 643**

——, ——, exacerbation of, induced by salicylate (*Case reports*), **613**

——, ——, faecal recovery of ingested 5-amino salicylic acid in, effect of polymer coating, **1084**

——, ——, gastrointestinal transit in, influence of olsalazine, **1474**

——, ——, in Jewish population of Southern Israel (1961–85), epidemiological and clinical study, **1630**

——, ——, incidence and prevalence in residents of Rochester, Minnesota (1960–79), **402**

——, ——, longstanding, flow cytometric DNA analysis in, as method of prediction of dysplasia and carcinoma development, **1100**

——, ——, prostaglandin and leucotriene production in, *in vivo* effects of oral prednisolone, **1095**

——, ——, seminal abnormalities induced by sulphasalazine in, effect of mesalazine substitution, **1008**

Collagenous colitis and coeliac disease (*Letter*), **364**

—— —— in Greece (*Letter*), **230**

Colon, anastomoses, proliferative instability and experimental carcinogenesis at, **808**

——, bacterial proteases to IgA_1 and sIgA in ulcerative colitis, **186**; (*Letter*), **917**

——, carbohydrate salvage by, impairment of, diarrhoea in ulcerative colitis related to?, **1090**

——, carcinogenesis, effect of long term lactulose ingestion on secondary bile salt metabolism and potential protective effect of lactulose in, **675**

——, carcinoma of, macrophage chemotaxis in, tumour related inhibition of, **416**

——, Crohn's disease of, and ulcerative colitis, local IgA subclass alterations in, **1013**

——, epithelium, cation transport in, acute effects of dexamethasone, **701**

——, microbial metabolism, effect of changing transit time, **601**

——, motility, reduction by intravenous nicardipine in irritable bowel syndrome, **1609**

——, motor activity in healthy subjects, 24-hour manometric recording, **17**

——, —— complexes, effects of oral laxatives in dogs, **1112**

——, mucosa of, cell suspensions of, phagocytes in, **976**

——, —— ——, phospholipids in, increased arachidonic acid composition in active ulcerative colitis, **1002**

——, myoelectrical activity in painless diarrhoea of irritable bowel syndrome, **1613**

——, polyps of, primary, and polyps synchronous with colorectal cancer, immunohistochemical Ca19-9 in, **594**; (*Reprint*), **1049**

Colonic epithelial dysplasia in inflammatory bowel disease, colonoscopy screening for, **1489**

Colonoscopy, future requirements in Britain for, **772**; (*Letter*), **1322**

—— screening for colonic epithelial dysplasia in inflammatory bowel disease, **1489**

Colorectal carcinogenesis, dietary manipulation during, morphological and cell kinetic effects of, **754**

—— carcinoma, anastomotic recurrence of, biological phenomenon or avoidable calamity? (*Leading article*), **786**; (*Letter*), **1691**

—— ——, disseminated, fall in serum CEA concentration after cytotoxic chemotherapy for, significance of, **1625**

—— —— in ulcerative colitis (*Letter*), **917**

—— ——, polyps synchronous with, and primary colonic polyps, immunohistochemical Ca19-9 in, **594**; (*Reprint*), **1049**

—— neoplasia, experimental, plasminogen activators in, role in adenoma-carcinoma sequence?, **816**

—— ——, relationship to duodenal bile acids, **1454**

Complement fixing antibodies against lipopolysaccharides from *E coli*, absence in subgroup of patients with Crohn's disease, **1460**

COMPSTON, J E, JUDD, D, CRAWLEY, E O, EVANS, W D, EVANS, C, CHURCH, H A, REID, E M, and RHODES, J: Osteoporosis in patients with inflammatory bowel disease, **410**

Computers, value to clinician in gastroenterology (*Leading article*), **373**

Confidence intervals in reporting of clinical trials, need for (*Letters*), **916, 1549**

CONNELL, J M C. *See* KENYON, C J, FRASER, R, *et al.*

CONNOLLY, C E. *See* BREEN, E G, FARREN, C, *et al.*

Constipation, chronic, treatment with cisapride and placebo (*Clinical trial*), **1033**

——, spontaneous and induced, irritable bowel-type symptoms in, **156**

CONTEAS, C N. *See* DUBICK, M A, COTEAS, C N, *et al.*

Continence, faecal, preservation during rises in intraabdominal pressure, role for flap valve in?, **1242**

COOK, A R. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*

COOKE, T. *See* SAVAGE, A P, MATTHEWS, J L, *et al.*

COONEY, C. *See* NOLAN, N P M, KELLY, C P, *et al.*

CORINALDESI, R, STANGHELLINI, V, RAITI, C, REA, E, SALGEMINI, R, and BARBARA, L: Effect of chronic administration of cisapride on gastric emptying of a solid meal and on dyspeptic symptoms in patients with idiopathic gastroparesis, **300**

Corrections, **366, 780**

COSTANTINI, F M. *See* SIMI, M, LEARDI, S, *et al.*

COX, J, and BENNETT, J R: Light at the end of the tunnel? Palliation for oesophageal carcinoma (*Leading article*), **781**

CRAMPTON, J R, GIBBONS L C, and REES, W D W: Effect of luminal pH on the output of bicarbonate and PGE_2 by the normal human stomach, **1291**

——, TOBIN, M V, and MCCONNELL, R B: Pseudopolycythaemia and coeliac disease (*Case reports*), **1041**

CRAWLEY, E O. *See* COMPSTON, J E, JUDD, D, *et al.*

C-reactive protein and serum phospholipase A_2 in assessment of severity of acute pancreatitis, **764**

CREAN, G P. *See* MCCOLL, K E L, BUCHANAN, N M M, *et al.*

——. *See* MCLAUCHLAN, G, RAWLINGS, J M, *et al.*

CREED, F, and GUTHRIE, E: Psychological factors in the irritable bowel syndrome (*Progress report*), **1307**

CREUTZFELDT, W. *See* BORDI, C, CREUTZFELDT, W, *et al.*

CRITCHLEY, M. *See* BAXTER, J N, GRIME, J S, *et al.*

——. *See* PARR, N J, GRIME, J S, *et al.*

Crohn's disease, absence of complement fixing antibodies against lipopolysaccharides from *E coli* in subgroup of patients with, **1460**

—— ——, activation of peripheral blood and intestinal lamina propria lymphocytes defined by expression of early activation antigens in, **745**

—— ——, fertility in, European study (*Letter*), **112**

—— —— in Netherlands, immunoglobulin allotypes in, **610**

—— ——, life prospects and quality of life in, **382**

—— ——, neuromuscular and vascular hamartoma of small intestine as form of (*Case reports*), **1663**

—— —— of colon and ulcerative colitis, local IgA subclass alterations in, **1013**

—— —— of small bowel, active, abnormal lactulose/rhamnose permeability in, improvement by elemental diet, **1073**

—— ——, quality of life in (*Leading article*), **378**

—— ——, raised plasma platelet factor 4 concentrations in, **336**

—— ——, severe, effective intravenous cyclosporin therapy in patient on parenteral nutrition (*Case report*), **1166**

—— ——, severity and activity in, observer variation in calculating indices of (IOIBD report no 1), **474**

—— —— with respiratory tract involvement (*Case reports*), **1669**

CROSSLING, F T. *See* ALLAM, B F, TILLMAN, J E, *et al.*

CROWE, J. *See* BARDHAN, K D, THOMPSON, M, *et al.*

CROWE, S M. *See* BIGGS, B A, CROWE, S M, *et al.*

CULLEN, A. *See* AFDHAL, N H, LONG, A, *et al.*

CUMMINGS, J H, POMARE, E W, BRANCH, W J, NAYLOR, C P E, and MACFARLANE, G T: Short chain fatty acids in human large intestine, portal, hepatic and venous blood, **1221**

——. *See also* STEPHEN, A M, WIGGINS, H S, *et al.*

CUNNINGHAM, J A. *See* AMMON, H V, FOWLE, S A, *et al.*

CUOMO, R. *See* PARRILLI, G, CUOMO, R, *et al.*

CUSCHIERI, A. *See* MACKIE, C R, BAXTER, J N, *et al.*

CUVELIER, C, BARBATIS, C, MIELANTS, H, DE VOS, M, ROELS, H, and VEYS, E: Histopathology of intestinal inflammation related to reactive arthritis, **394**

Cyclosporin therapy, intravenous, effective use in patient with severe Crohn's disease on parenteral nutrition (*Case report*), **1166**

CYNK, E U. *See* MAXTON, D G, CYNK, E U, *et al.*

Cyst, periampullary, as surgically remediable cause of pancreatitis (*Case reports*), **358**

Cystic fibrosis as gastroenterological 'cornucopia' (*Progress report*), **1531**

—— ——, bile acid secretion in (*Letter*), **506**

Cysts, hydatid, albendazole sulphoxide penetration into, **75**

Cytomegalovirus colitis and oesophageal ulceration in AIDS, clinical manifestations and treatment with Foscarnet (*Case reports*), **482**

D'AGAY, F. *See* LEMANN, M, MESSING, B, *et al.*

DAHMS, B. *See* BUTLER, T, DAHMS, B, *et al.*

DALY, J M. *See* ALLEN-MERSH, T G, KEMENY, N, *et al.*

DAMKJÆR-NIELSEN, M. *See* SZECSI, P B, HALGREEN, H, *et al.*

DAN, M, TYRRELL, L D J, and GOLDSAND, G: Isolation of *Chlamydia trachomatis* from the liver of a patient with prolonged fever (*Case report*), **1514**

DAS, U N, REDDY, D N, RAO, P N, and RADHA, V: Essential fatty acids and peptic ulcer disease (*Letter*), **914**

DAVIDSON, G P, and ROBB, T A: Bile acid secretion in cystic fibrosis (*Letter*), **506**

DAVIES, J G. *See* WALT, R P, KEMP, R T, *et al.*

DAVISON, P. *See* BANNISTER, J J, DAVISON, P, *et al.*

DAWSON, A M. *See* LUCEY, M R, CLARK, M L, *et al.*

——. *See* PATIL, D H, WESTABY, D, *et al.*

DAY, S J. *See* KENDALL, G P N, THOMPSON, D G, *et al.*

Dazmegrel in selective inhibition of thromboxane synthesis for gastric mucosal protection, **541**

DEAKIN, M, GLENNY, H P, RAMAGE, J K, MILLS, J G, BURLAND, W L, and WILLIAMS, J G: Large single daily dose of histamine H_2 receptor antagonist for duodenal ulcer: how much and when?: a clinical pharmacological study, **566**

DEBNAM, E S. *See* MAZZANTI, R, DEBNAM, E S, *et al.*

DE CAESTECKER, J S, BLACKWELL, J N, PRYDE, A, and HEADING, R C: Daytime gastro-oesophageal reflux is important in oesophagitis, **519**

DE DOMBAL, F T: Back to the future; or forward to the past? (*Leading article*), **373**

——, and SOFTLEY, A: IOIBD report no 1: observer variation in calculating indices of severity and activity in Crohn's disease, **474**

Defecation, effect of stool size and consistency, **1246**

DEGOTT, C. *See* ROULOT, D, VALLA, D, *et al.*

DEIGHTON, C M. *See* AL MARDINI, H, LINDSAY, D C, *et al.*

DELLADETSIMA, A. *See* ARCHIMANDRITIS, A, TZIVRAS, M, *et al.*

De-Nol and sucralfate, gastrocytoprotection by, and role of endogenous prostaglandins, **201**; (*Letter*), **1322**

—— stimulation of gastric and duodenal alkaline secretion through prostaglandin dependent mechanism, **1557**

—— versus 2 different dosages of cimetidine in treatment of resistant duodenal ulcers (*Clinical trial*), **907**

Dermatitis herpetiformis, gastritis associated with, and simple gastritis, difference in local immunoglobulin production between, **1589**

DE VOS, M. *See* CUVELIER, C, BARBATIS, C, *et al.*

Dexamethasone, acute effects on cation transport in colonic epithelium, **701**

DIAMANT, N E. *See* MCHUGH, S M, and DIAMANT, N E

Diaphragmatic contraction, effect on lower oesophageal sphincter pressure, **1564**

Diarrhoea, bloody, due to acute ischaemic colitis in female long distance runner (*Case report*), **896**

——, functional, bile acid malabsorption in, detection of, ^{75}SeHCAT test results and correlation with small bowel transit, **970**

—— in ulcerative colitis related to impaired colonic salvage of carbohydrate?, **1090**

——, painless, of irritable bowel syndrome, colonic myoelectrical activity in, **1613**

Diet, elemental, improvement of abnormal lactulose/rhamnose permeability in active Crohn's disease of small bowel by, **1073**

——, ——, inert bulk and dietary fibre, effects on response of intestinal epithelium to refeeding in rat and relationship to plasma gastrin, enteroglucagon, and PYY concentrations, **171**

Dietary antigens, passage into blood of coeliac children, and quantification and size distribution of antigens, **1062**

—— macromolecules, intestinal absorption, possible role in disease (*Leading article*), **1057**

—— manipulation during colorectal carcinogenesis, morphological and cell kinetic effects of, **754**

Diets, enteral, 2, jejunal water and electrolyte absorption from, importance of sodium content in, **681**

——, liquid, 'elemental' and 'complete', small intestinal response in rat to, effect of dietary bulk, **688**

Digestive enzymes, increased activity in rat ileal enterocytes adapting to proximal small bowel resection, **981**

—— tract. *See* Gastrointestinal tract

DILAWARI, J B, and CHAWLA, Y K: Spontaneous (natural) splenoadrenorenal shunts in extrahepatic portal venous obstruction: a series of 20 cases, **1198**

DI MARIO, F. *See* BATTAGLIA, G, DI MARIO, F, *et al.*

DIXON, J M, CHAPMAN, R W, and BERRY, A R: Carcinoid tumour of the ampulla of Vater presenting as acute pancreatitis (*Case report*), **1296**

DIXON, M F. *See* FOZARD, J B J, QUIRKE, P, *et al.*

——. *See* MANNING, A P, BULGIM, O R, *et al.*

DNA analysis with flow cytometry in longstanding ulcerative colitis as method of prediction of dysplasia and carcinoma development, **1100**

—— aneuploidy in ulcerative colitis (*Letters*), **642, 643**

DONALDSON, J-D. *See* MOOREHEAD, R J, CAMPBELL, G R, *et al.*

DRIVER, H E. *See* GELISTER, J S K, LEWIN, M R, *et al.*

DROZDOWICZ, D. *See* KONTUREK, S J, RADECKI, T, *et al.*

DUBICK, M A, CONTEAS, C N, BILLY, H T, MAJUMDAR, A P N, and GEOKAS, M C: Raised serum concentrations of pancreatic enzymes in cigarette smokers, **330**

Dubin-Johnson, Gilbert's and Rotor's syndromes, porphyrin metabolism in (*Letters*), **1548, 1549**

Duodenal and gastric alkaline secretion stimulated by De-Nol through prostaglandin dependent mechanism, **1557**

—— —— polyps in familial adenomatous polyposis, nature and prevalence, **306**

—— pseudomelanosis, clinical and ultrastructural studies in (*Case reports*), **1673**

Duodenum, bile acids in, relationship to colorectal neoplasia, **1454**

——, juice, *in vitro* effect on R binders cobalamin complexes in pancreatic insufficiency, correlation with cobalamin absorption, **70**

——, ulcer, acid suppression in, meta-analysis defining optimal dosing with antisecretory drugs for, **1120**

——, ——, antral gastrin and somatostatin release in anaesthetised, atropinised patients with, effect of intragastric pH, **206**

——, ——, chronic, prognosis and effects of demographic and environmental factors and ulcer healing, **533**

——, ——, gastric alkaline secretion in, vagal cholinergic control of, **739**; (*Letters*), **1687**

——, ——, histamine H_2-receptor antagonist (cimetidine) in large single dose for, size of dose and timing, clinicopharmacological study, **566**

——, ——, multiple, natural history and pathophysiology, **1134**

——, ——, refractory, healing of, combined anti-muscarinic and H_2 receptor blockade in, **1505**

——, ——, resistant, tripotassium dicitrato bismuthate versus 2 different dosages of cimetidine in treatment of (*Clinical trial*), **907**

——, ——, smokers and non-smokers with and without, comparison of maximal gastric secretion in, **557**

——, ——, transdermal scopolamine and gastric acid secretion in (*Letters*), **1686, 1687**

Dyspepsia, flatulent, in patients with and without gallbladder disease and postcholecystectomy, intragastric bile acid concentrations unrelated to, **131**

—— of unknown cause, peptic ulceration, and cholelithiasis, clinical presentation of 221 patients and discriminant value of dyspeptic symptoms, **40**

Dyspeptic symptoms and gastric emptying of solid meal in idiopathic gastroparesis, effect of chronic cisapride administration, **300**

Dysphagia, malignant, advanced, endoscopic Nd YAG laser palliation for, **799**
——, ——, palliative Nd YAG laser therapy for, **792**
Dysplasia and carcinoma development in longstanding ulcerative colitis, flow cytometric DNA analysis as method of prediction of, **1100**

EASTWOOD, J. *See* FORD, M J, MILLER, P MCC, *et al.*
EASTWOOD, M A. *See* FORD, M J, MILLER, P MCC, *et al.*
EDDLESTON, A L W F. *See* FAGAN, E A, and EDDLESTON, A L W F
EDGE, C. *See* SPILLER, R C, LEE, Y C, *et al.*
EDWARDS, C A, HOLDEN, S, BROWN, C, and READ, N W: Effect of cisapride on the gastrointestinal transit of a solid meal in normal human subjects, **13**
EGAMI H. *See* SAKAMOTO, K, HAGA, Y, *et al.*
EINARSSON, K, ANGELIN, B, and JOHANSSON, C: Biliary lipid metabolism in chronic pancreatitis: influence of steatorrhoea, **1495**
EKSTRÖM, G. *See* TAGESSON, C, TELEMO, E, *et al.*
Electrodes for 24 hour pH monitoring of upper gastrointestinal tract, comparative study of, **935**
Electrolyte and water absorption, jejunal, from 2 enteral feeds, importance of sodium content in, **681**
ELGJO, K. *See* VALNES, K, BRANDTZAEG, P, *et al.*
ELMGREEN, J. *See* NIELSEN, O H, AHNFELT-RØNNE, I, *et al.*
EL OMAR, E. *See* MCCOLL, K E L, THOMPSON, G G, *et al.*
ELSBORG, L. *See* JØRGENSEN, F, HESSE, B, *et al.*
EMDE, C, GARNER, A, and BLUM, A L: Technical aspects of intraluminal pH-metry in man: current status and recommendations (*Progress report*), **1177**
——. *See also* BAUERFEIND, P, CILLUFFO, T, *et al.*
Emphysematous gastritis after acute pancreatitis (*Case report*), **900**
Encephalopathy, hepatic, comparative modes of action of lactitol and lactulose in treatment of, **255**
——, portal systemic, chronic, update 1987 (*Progress report*), **1043**
Endocrine adrenal tumour, mixed, causing steatorrhoea (*Case report*), **1298**
Endoscopic needle aspiration cytology in diagnosis of upper gastrointestinal cancer, **1142**
——Nd YAG laser palliation for advanced malignant dysphagia, **799**
——sclerotherapy using absolute alcohol (*Letter*), **777**
——sphincterotomy and surgical approaches in treatment of 'sump syndrome', **142**
Endoscopy staffing and administration in England and Wales, results of questionnaire (BSG Working Party report), **1527**
——units, staffing of (BSG Working Party report), **1682**
Enterocolitis, necrotising, segmental, pathological and clinical features of 22 cases in Bangladesh, **1433**
Enterocyte function in progressive systemic sclerosis as estimated by deconjugation of pteroyltriglutamate to folic acid, **435**
——turnover in rat small intestine, effect of chronic ethanol ingestion, **52**
Enterocytes, ileal, rat, adapting to proximal small bowel resection, increased activity of digestive enzymes in, **981**
Enteroglucagon and experimental intestinal carcinogenesis in rat, **33**
Enteropathy, protein losing, due to intestinal schistosomiasis (*Case report*), **616**
Eosinophilic colitis, case of (*Letter*), **506**
Epithelial. *See* Intraepithelial
Escherichia coli, enteropathogenic, intestinal damage by, mechanism of, organ culture of rabbit ileum as model for investigation of, **1283**
————, lipopolysaccharides from, complement fixing antibodies against, absence in subgroup of patients with Crohn's disease, **1460**
ESTEVE, M, and GASSULL, M A: Intestinal permeability and statistics (*Letter*), **777**
Ethanol consumption, long term, antecedent, combined with different diets, alteration of severity of experimental acute pancreatitis in rats by, **64**
——damage, acute, rat gastric epithelium recovering from, formation of fibrin based gelatinous coat over, and interaction with adherent mucus, **835**
——ingestion, chronic, effect on enterocyte turnover in rat small intestine, **52**
————, ——, ——on lactase activity and active galactose absorption in rat small intestine, **56**
EVANS, B K. *See* MYERS, B, EVANS, D N W, *et al.*
EVANS, C. *See* COMPSTON, J E, JUDD, D, *et al.*
EVANS, D. *See* LAMONT, G, EVANS, D, *et al.*
EVANS, D F. *See* SMART, H L, FOSTER, P N, *et al.*
EVANS, D N W. *See* MYERS, B, EVANS, D N W, *et al.*
EVANS, W D. *See* COMPSTON, J E, JUDD, D, *et al.*
Exercise, effect on mesenteric blood flow, **583**

Faecal continence preservation during rises in intraabdominal pressure, role for flap valve in?, **1242**
——excretion of α_1-antitrypsin and ^{111}In-labelled granulocytes in assessment of disease activity in chronic inflammatory bowel diseases, **386**
——recovery of ingested 5-amino salicylic acid in ulcerative colitis, effect of polymer coating, **1084**
FAGAN, E A, and EDDLESTON, A L W F: Immunotherapy for cancer: the use of lymphokine activated killer cells (*Leading article*), **113**
FAGIOLI, G. *See* SCIARRETTA, G, FAGIOLI, G, *et al.*
FAIS, S. *See* PALLONE, F, FAIS, S, *et al.*
FAN, S T. *See* LAU, W Y, FAN, S T, *et al.*
FARGEAS, M J. *See* SAGRADA, A, FARGEAS, M J, *et al.*
FARINATI, F. *See* BATTAGLIA, G, DI MARIO, F, *et al.*
FARREN, C. *See* BREEN, E G, FARREN, C, *et al.*
FARWANA, S S. *See* KHUFFASH, F A, BARAKAT, M H, *et al.*
Fat malabsorption, diagnosis of, ^{14}C-triolein absorption test in, **694**
Fatty acids, essential, dietary, and decline in peptic ulcer disease (*Letters*), **914, 915**
————, short chain, in human large intestine and portal, hepatic and venous blood, **1221**
FAUSA, O. *See* VALNES, K, BRANDTZAEG, P, *et al.*
FAUST, H. *See* MARBET, U A, STALDER, G A, *et al.*
Feeds. *See* Diets
FELDMAN, M. *See* RICHARDSON, C T, and FELDMAN, M
FELLOWS, I W. *See* TURNER, J M, LAWRENCE, S, *et al.*
FERGUSON, D J P. *See* GEBBERS, J-O, FERGUSON, D J P, *et al.*
FERMOR, B. *See* ROE, R, FERMOR, B, *et al.*
Fertility in Crohn's disease, European study (*Letter*), **112**
Fever, prolonged, isolation of *Chlamydia trachomatis* from liver of patient with (*Case report*), **1514**
FILIPOWICZ, B. *See* WALT, R P, KEMP, R T, *et al.*
FIMMEL, C J. *See* BAUERFEIND, P, CILLUFFO, T, *et al.*
FINCH P J, RYAN, F P, ROGERS, K, and HOLT, S: Gastric enzymes as a screening test for gastric cancer, **319**
FIORAMONTI, J. *See* FREXINOS, J, FIORAMONTI, J, *et al.*
FISCHBACH, W, BECKER, W, MÖSSNER, J, KOCH, W, and REINERS, C: Faecal alpha-1-antitrypsin and excretion of ^{111}Indium granulocytes in assessment of disease activity in chronic inflammatory bowel diseases, **386**
FLEMING, J. *See* MCLAREN, M, BRAYE, S, *et al.*
Flow cytometric DNA analysis in longstanding ulcerative colitis as method of prediction of dysplasia and carcinoma development, **1100**
FLOWERDEW, A D S, RICHARDS, H K, and TAYLOR, I: Temporary blood flow stasis with degradable starch microspheres for liver metastases in a rat model, **1201**
FOGED, N. *See* HUSBY, S, FOGED, N, *et al.*
FOLTMANN, B. *See* SZECSI, P B, HALGREEN, H, *et al.*
Food consistency, effect on gastric emptying, **1584**
FORBES, A, PORTMANN, B, JOHNSON, P, and WILLIAMS, R: Hepatic sarcomas in adults: a review of 25 cases, **668**
FORD, M J, MILLER, P MCC, EASTWOOD, J, and EASTWOOD, M A: Life events, psychiatric illness and the irritable bowel syndrome, **160**
——. *See also* CHAKRABORTY, T K, BHATIA, D, *et al.*

FORSTER, J K. *See* THOMAS, J M, MISIEWICZ, J J, *et al*.
FORSTER, S. *See* WEBER, J N, THOM, S, *et al*.
Foscarnet treatment of cytomegalovirus colitis and oesophageal ulceration in AIDS (*Case reports*), **482**
FOSTER, P N, STEWART, M, LOWE, J S, and ATKINSON, M: Achalasia like disorder of the oesophagus in von Recklinghausen's neurofibromatosis (*Case report*), **1522**
——. *See also* SMART, H L, FOSTER, P N, *et al*.
FOWLE, S A. *See* AMMON, H V, FOWLE, S A, *et al*.
FOZARD, J B J, QUIRKE, P, and DIXON, M F: DNA aneuploidy in ulcerative colitis (*Letter*), **642**
FRANK, W O. *See* KARLSTADT, R G, FRANK W O, *et al*.
FRANZÉN, L. *See* OTAMIRI, T, FRANZÉN, L, *et al*.
FRASER, D. *See* ODES, H S, FRASER, D, *et al*.
FRASER, R. *See* KENYON, C J, FRASER, R, *et al*.
FREXINOS, J, FIORAMONTI, J, and BUENO, L: Colonic myoelectrical activity in IBS painless diarrhoea, **1613**
FROST, A G. *See* SARRE, R G, FROST, A G, *et al*.
FUJISHIMA, M. *See* NISHIDA, R, MIWA, H, *et al*.
FUJIYAMA, Y. *See* SENDA, S, FUJIYAMA, Y, *et al*.
FURNO, A. *See* SCIARRETTA, G, FAGIOLI, G, *et al*.

GABURRI, M. *See* NARDUCCI, F, BASSOTTI, G, *et al*.
GAFFNEY, P J. *See* GELISTER, J S K, LEWIN, M R, *et al*.
GAIT, J E. *See* BARDHAN, K D, THOMPSON, M, *et al*.
Galactose absorption, active, and lactase activity in rat small intestine, effect of chronic ethanol ingestion, **56**
GALANOS, C. *See* ZEITZ, M, HOPF, U, *et al*.
Gall bladder contraction, impaired, of coeliac disease, pathogenesis of, **1426**
————disease, flatulent dyspepsia in patients with and without, intragastric bile acid concentrations unrelated to, **131**
————emptying in normal subjects as data base for clinical cholescintigraphy, **137**
——————, relationship to gastric emptying of solid meal before and after vagotomy, **855**
——stone patients, postcholecystectomy symptoms and prospective study before and 2 years after surgery, **1500**
——stones, electrohydraulic lithotripsy of, *in vitro* and animal studies, **267**
GALLOWAY, D J, JARRETT, F, BOYLE, P, INDRAN, M, CARR, K, OWEN, R W, and GEORGE, W D: Morphological and cell kinetic effects of dietary manipulation during colorectal carcinogenesis, **754**
GARNER, A. *See* EMDE, C, GARNER, A, *et al*.
GARVIE, N. *See* KENDALL, G P N, THOMPSON, D G, *et al*.
GASSER, T. *See* BAUERFEIND, P, CILLUFFO, T, *et al*.
GASSULL, M A. *See* ESTEVE, M, and GASSULL, M A
Gastric acid and pancreatic polypeptide responses to modified sham feeding, effects of truncal and parietal cell vagotomy, **280**
————output and intragastric pH, overnight, effect of bedtime ranitidine, dose/response study and comparison with cimetidine, **294**
————secretion and gastrin release, effect of nifedipine, **455**
——————and transdermal scopolamine in duodenal ulcer (*Letters*), **1686, 1687**
——————, relationship to infection (*Progress report*), **96**
——————stimulated by meal, inhibition by SMS 201-995, **464**
——alkaline secretion in normal subjects and in duodenal ulcer, vagal cholinergic control of, **739**; (*Letters*), **1687**
——and duodenal alkaline secretion stimulated by De-Nol through prostaglandin dependent mechanism, **1557**
——————polyps in familial adenomatous polyposis, nature and prevalence, **306**
——carcinogenesis in precancerous conditions, nitrosamine hypothesis of, evaluation of, and urinary N-nitrosoproline excretion, **216**
——carcinoid tumours, achlorhydria and hypergastrinaemia as causal sequence for, reassessment of (*Progress report*), **488**; (*Letters*), **1189, 1191, 1319**
——CEA analysis as aid during screening for gastric neoplasia in atrophic gastritis, evaluation of, **26**
——contents, effects of 1 year's ranitidine treatment and truncal vagotomy, **726**
——cytoprotection by colloidal bismuth subcitrate (De-Nol) and sucralfate and role of endogenous prostaglandins, **201**; (*Letter*), **1322**
——distension and vagal stimulation in ferrets, intragastric pressure responses to, effects of partial truncal vagotomy, **1569**
——emptying, effect of food consistency, **1584**
————of solid meal and dyspeptic symptoms in idiopathic gastroparesis, effect of chronic cisapride administration, **300**
——————————, relationship to gall bladder emptying before and after vagotomy, **855**
——enzymes as screening test for gastric cancer, **319**
——epithelium, rat, recovering from acute ethanol damage, formation of fibrin based gelatinous coat over, and interaction with adherent mucus, **835**
——mucosa in portal hypertension (*Letter*), **1324**
——mucosal protection with selective inhibition of thromboxane synthesis by dazmegrel, **541**
——mucus glycoprotein, molecular weight of, as predeterminant of degree of aspirin induced chronic gastric ulceration in rat, **287**
——secretion, maximal, comparison in smokers and non-smokers with and without duodenal ulcer, **557**
——surgery for peptic ulcer, cancer after (*Leading article*), **921**
——————————, increased risk of cancer at multiple sites after, **924**
——ulcer, bile reflux equal in healthy controls and in patients with, **1577**
————relapse, ranitidine 150 mg at night in prevention of, **460**
————, slow healing and relapsing, clinical markers of, **210**
——. *See also* Intragastric; Stomach
Gastrin and somatostatin, antral release in anaesthetised, atropinised duodenal ulcer patients and controls, effect of intragastric pH, **206**
——release and gastric acid secretion, effect of nifedipine, **455**
Gastrin-releasing peptide, origin of gastrin liberated by, **1128**
Gastritis associated with dermatitis herpetiformis and simple gastritis, difference in local immunoglobulin production between, **1589**
——, atrophic, gastric CEA analysis as aid during screening for gastric neoplasia in, evaluation of, **26**
——, emphysematous, after acute pancreatitis (*Case report*), **900**
——, erosive, relationship to acid secreting area and intestinal metaplasia, and trial of healing effect of pirenzepine, **561**; (*Letters*), **1321, 1322**
——, hypertrophic, giant, familial (Ménétrier's disease) (*Case report*), **1517**
Gastroduodenal brake and small bowel resistances, **950**
Gastroenterological disorders, functional, identification of (*Leading article*), **1**; (*Letter*), **776**
Gastrointestinal cancer, lymphokine activated killer cells in, **1420**
————, upper, diagnosis of, endoscopic needle aspiration cytology in, **1142**
——haemorrhage, obscure, specialist investigation of, **47**
————, of obscure origin, preoperative and intraoperative localisation of, **869**
——tissues, normal and malignant, human, arachidonate and metabolites extracted from, measurement of, **315**
——tract, 5-amino salicylic acid released at different sites in, metabolism and urinary excretion in healthy volunteers, **196**
————diseases, tumour diagnostics in, comparative effectiveness of CA 19-9, CA 125 and CEA, **323**
————, human, vitamin B_{12} R-binder in, immunohistochemical localisation of, **339**
————intraluminal pH monitoring, technical aspects, current status and recommendations (*Progress report*), **1177**
————, nature and functions of (*Leading article*), **650**
————purinergic neurotransmission, prostaglandin E_2 participation in, **1605**

——, upper, motility, modulation by rectal distension, **864**

——, ——, pH monitoring, 24 hour, comparative study of electrodes for, **935**

—— transit in ulcerative colitis, influence of olsalazine, **1474**

—— —— of solid meal in normal human subjects, effect of cisapride, **13**

—— —— time in rat, measurement of, adaptation of hydrogen analysis for, **849**

—— ——, upper, action of centrally mediated autonomic stimulation, comparative study of 2 stimuli, **960**

—— ——. *See also* Mouth-to-caecum transit

Gastro-oesophageal reflux. *See* Reflux, gastro-oesophageal

Gastroparesis, idiopathic, gastric emptying of solid meal and dyspeptic symptoms in, effect of chronic cisapride administration, **300**

GAZZARD, B G: The quality of life in Crohn's disease (*Leading article*), **378**

GEBBERS, J-O, FERGUSON, D J P, MASON, C, KELLY, P, and JEWELL, D P: Spirochaetosis of the human rectum associated with an intra-epithelial mast cell and IgE plasma cell response, **588**

GELISTER, J S K, LEWIN, M R, DRIVER, H E, SAVAGE, F, MAHMOUD, M, GAFFNEY, P H, and BOULOS, P B: Plasminogen activators in experimental colorectal neoplasia: a role in the adenoma-carcinoma sequence?, **816**

GENT, A E. *See* GRACE, R H, GENT, A E, *et al*.

GEOKAS, M C. *See* DUBICK, M A, CONTEAS, C N, *et al*.

GEORGE, W D. *See* GALLOWAY, D J, JARRETT, F, *et al*.

GEORGIOU, G. *See* MORRIS, D L, CHINNERY, J B, *et al*.

GERTSCH, P, and MEISTER, J-J: Pressure measurement in oesophageal varices: preliminary report on a new non-invasive method, **1162**

GHATEI, M A. *See* GOODLAD, R A, LENTON, W, *et al*.

——. *See* SAVAGE, A P, MATTHEWS, J L, *et al*.

GIBBONS, C. *See* BANNISTER, J J, DAVISON, P, *et al*.

——. *See* BANNISTER, J J, GIBBONS, C, *et al*.

GIBBONS, L C. *See* CRAMPTON, J R, GIBBONS, L C, *et al*.

GIBSON, P R. *See* HERMANOWICZ, A, GIBSON, P R, *et al*.

GIBSON, R N. *See* GUPTA, S, BARTER, S, *et al*.

GIESE, J. *See* GUSTAFSEN, J, BOESBY, S, *et al*.

GILBERT, L M. *See* ALLAM, B F, TILLMAN, J E, *et al*.

Gilbert's syndrome, and Dubin-Johnson and Rotor's syndromes, porphyrin metabolism in (*Letters*), **1548, 1549**

—— ——, porphyrin metabolism and haem biosynthesis in, **125**

GILES, G R. *See* MONSON, J R T, RAMSDEN, C W, *et al*.

GILL, R C, KELLOW, J E, and WINGATE, D L: Gastro-oesophageal reflux and the migrating motor complex, **929**

——. *See also* KELLOW, J E, GILL, R C, *et al*.

——. *See also* WINGATE, D L, and GILL, R C

GILMOUR, H M. *See* BISHOP, P E, MCMILLAN, A, *et al*.

GIMSON, A E S. *See* GUARNER, F, HUGHES, R D, *et al*.

Ginger and carbon dioxide as thromboxane synthetase inhibitors for peptic ulceration (*Letter*), **1323**

GIRDWOOD, A H. *See* KALVARIA, I, BORNMAN, P C, *et al*.

GLENNY, H P. *See* DEAKIN, M, GLENNY, H P, *et al*.

Gluten, peptides derived from, cellular hypersensitivity to, in coeliac disease, **426**

Glycoprotein, gastric mucus, molecular weight of, as predeterminant of degree of aspirin induced chronic gastric ulceration in rat, **287**

GOEBELL, H. *See* LAYER, P, HOTZ, J, *et al*.

GOLDBERG, A. *See* MCCOLL, K E L, THOMPSON, G G, *et al*.

GOLDSAND, G. *See* DAN, M, TYRRELL, L D J, *et al*.

GOLEMATIS, B. *See* MORRIS, D L, CHINNERY, J B, *et al*.

GOODLAD, R A, LENTON, W, GHATEI, M A, ADRIAN, T E, BLOOM, S R, and WRIGHT, N A: Effects of an elemental diet, inert bulk and different types of dietary fibre on the response of the intestinal epithelium to refeeding in the rat and relationship to plasma gastrin, enteroglucagon, and PYY concentrations, **171**

——, WILSON, T J G, LENTON, W, GREGORY, H, MCCULLAGH, K G, and WRIGHT, N A: Intravenous but not intragastric urogastrone-EGF is trophic to the intestine of parenterally fed rats, **573**

GOODMAN, M J. *See* RILEY, S A, LECARPENTIER, J, *et al*.

GRACE, R H, GENT, A E, and HELLIER, M D: Comparative trial of sodium cromoglycate enemas with prednisolone enemas in the treatment of ulcerative colitis (*Clinical trial*), **88**

GRAHAME-SMITH, D G: What is the cause of the carcinoid flush? (*Leading article*), **1413**

GRAINGER, S L. *See* MAXTON, D G, AINLEY, C C, *et al*.

Granulocytes, ^{111}In-labelled, and α_1-antitrypsin, faecal excretion of, in assessment of disease activity in chronic inflammatory bowel diseases, **386**

GREGORY, H. *See* GOODLAD, R A, WILSON, T J G, *et al*.

GRIGOLO, B. *See* SCIARRETTA, G, FAGIOLI, G, *et al*.

GRIME, J S. *See* BAXTER, J N, GRIME, J S, *et al*.

——. *See* MACKIE, C R, BAXTER, J N, *et al*.

——. *See* PARR, N J, GRIME, J S, *et al*.

GUAN, R, RAWCLIFFE, P M, PRIDDLE, J D, and JEWELL, D P: Cellular hypersensitivity to gluten derived peptides in coeliac disease, **426**

GUARNER, F, HUGHES, R D, GIMSON, A E S, and WILLIAMS, R: Renal function in fulminant hepatic failure: haemodynamics and renal prostaglandins, **1643**

GUGLER, R. *See* BAUERFEIND, P, CILLUFFO, T, *et al*.

GUILLAN, J. *See* ROULOT, D, VALLA, D, *et al*.

GUILLOU, P J. *See* MONSON, J R T, RAMSDEN, C W, *et al*.

GUMP, D. *See* BEEKEN, W, NORTHWOOD, I, *et al*.

GUPTA, S, BARTER, S, PHILLIPS, G W L, GIBSON, R N, and HODGSON, H J F: Comparison of ultrasonography, computed tomography and ^{99m}TC liver scan in diagnosis of Budd-Chiari syndrome, **242**

GUSLANDI, M: Erosive gastritis – does acid matter? (*Letter*), **1321**

GUSTAFSEN, J, BOESBY, S, NIELSEN, F, and GIESE, J: Bradykinin in carcinoid syndrome, **1417**

Gut referees, **108**

Gut. *See* Gastrointestinal tract

GUTHRIE, E. *See* CREED, F, and GUTHRIE, E

GWAVAVA, N. *See* KIIRE, C F, and GWAVAVA, N

GYR, K. *See* MARBET, U A, STALDER, G A, *et al*.

HADJIS, N S, and BLUMGART, L H: Role of liver atrophy, hepatic resection and hepatocyte hyperplasia in the development of portal hypertension in biliary disease, **1022**

Haem biosynthesis and porphyrin metabolism in Gilbert's syndrome, **125**

Haemodynamics and renal prostaglandins, relation to renal function in fulminant hepatic failure, **1643**

Haemoperitoneum, spontaneous, from rupture of primary hepatic adenoma in adult man (*Case report*), **1170**

Haemorrhage, gastrointestinal. *See* Gastrointestinal haemorrhage

——, variceal, comparison between trials invalidated by variation in time of entry of subjects?, **653**

HAGA, Y. *See* SAKAMOTO, K, HAGA, Y, *et al*.

HÅKANSON, R. *See* BORDI, C, CREUTZFELDT, W, *et al*.

HALEVY, J. *See* KONIKOFF, F, MOR, C, *et al*.

HALGREEN, H. *See* SZECSI, P B, HALGREEN, H, *et al*.

HALL, C. *See* KEIGHLEY, M R B, and HALL, C

HALL, C N, KIRKHAM, J S, and NORTHFIELD, T C: Urinary N-nitrosoproline excretion: a further evaluation of the nitrosamine hypothesis of gastric carcinogenesis in precancerous conditions, **216**

——. *See also* CAYGILL, C P J, HILL, M J, *et al*.

HALL, R I. *See* INGOLDBY, C J H, MASON, M K, *et al*.

HALL-CRAGGS, M A, and LEES, W R: Fine needle biopsy: cytology, histology or both? (*Leading article*), **233**

HÄMÄLÄINEN, E, KORPELA, J T, and ADLERCREUTZ, H: Effect of oxytetracycline administration on intestinal metabolism of oestrogens and on plasma sex hormones in healthy men, **439**

Hamartoma, neuromuscular and vascular, of small intestine as form of Crohn's disease (*Case reports*), **1663**

HAMASHIMA, Y. *See* KUDO, H, INADA, M, *et al*.

HANSEN, T. *See* JORDE, R, BURHOL, P G, *et al*.

HANSEN, T M. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al*.

HANY, A. *See* HEER, M, REPOND, F, *et al*.

HARDER, F. *See* MARBET, U A, STALDER, G A, *et al.*

HARDY, K J. *See* BIGGS, B A, CROWE, S M, *et al.*

HARRE, K. *See* MERKI, H, WITZEL, L, *et al.*

HARRIS, S R. *See* PRIOR, A, HARRIS, S R, *et al.*

HARRISON, J, MORRIS, D L, HAYNES, J, HITCHCOCK, A, WOMACK, C, and WHERRY, D C: Electrohydraulic lithotripsy of gall stones – *in vitro* and animal studies, **267**

HARRISON, T J. *See* ANDERSON, M G, HARRISON, T J, *et al.*

HART, C A. *See* BATT, R M, HART, C A, *et al.*

HARVEY, R F: Achlorhydria: hypergastrinaemia: carcinoids (*Letter*), **1319**

——. *See also* BROWN, A M, BRADSHAW, M J, *et al.*

HAWES, R. *See* BOWN, S G, HAWES, R, *et al.*

HAWKEY, C J. *See* WALT, R P, KEMP, R T, *et al.*

HAYNES, J. *See* HARRISON, J, MORRIS, D L, *et al.*

HEADING, R C. *See* CHAKRABORTY, T K, BHATIA, D, *et al.*

——. *See* DE CAESTECKER, J S, BLACKWELL, J N, *et al.*

——. *See* KING, P M, PRYDE, A, *et al.*

HEARNS, J. *See* MCCOLL, K E L, BUCHANAN, N M M, *et al.*

HEATON, K W. *See* MARCUS, S N, and HEATON, K W

——. *See* OETTLÉ, G J, and HEATON, K W

HEER, M, REPOND, F, HANY, A, SULSER, H, KEHL, O, and JÄGER, K: Acute ischaemic colitis in a female long distance runner (*Case report*), **896**

HEINRICH, C. *See* SCHINDLBECK, N E, HEINRICH, C, *et al.*

HELLEBERG, L. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*

HELLIER, M D. *See* GRACE, R H, GENT, A E, *et al.*

HEMINGWAY, A P. *See* THOMPSON, J N, SALEM, R R, *et al.*

HENDEL, J. *See* HENDEL, L, HENDEL, J, *et al.*

HENDEL, L, HENDEL, J, and JOERGENSEN, I: Enterocyte function in progressive systemic sclerosis as estimated by the deconjugation of pteroyltriglutamate to folic acid, **435**

HENRIKSEN, J H, RING-LARSEN, H, and CHRISTENSEN, N J: Hepatic intestinal uptake and release of catecholamines in alcoholic cirrhosis: evidence of enhanced hepatic intestinal sympathetic nervous activity, **1637**

HENSBY, C N. *See* BENNETT, A, CIVIER, A, *et al.*

Hepatic encephalopathy, comparative modes of action of lactitol and lactulose in treatment of, **255**

——failure, fulminant, renal function in, relation to haemodynamics and renal prostaglandins, **1643**

————, ——, with cerebral oedema, neurological sequelae in 2 patients recovered from (*Case reports*), **93**

——intestinal uptake and release of catecholamines in alcoholic cirrhosis, evidence of enhanced hepatic intestinal sympathetic nervous activity in, **1637**

——sarcoma in adults, 25 cases reviewed, **668**

Hepatitis, alcoholic, acute, cellular injury in, free radical generation by neutrophils as potential mechanism of, **1157**

——B, active, chronic, lymphoblastoid interferon for (*Clinical trial*), **619**

——, chronic, HBe antigen positive, effect of recombinant interleukin 2, **1648**

——, viral, acute, intestinal function during, investigation using combined sugar oral loads, **1439**

Hepatocellular adenoma, primary, rupture of, in adult man, spontaneous haemoperitoneum from (*Case report*), **1170**

——carcinoma, primary, lysis of tumour cells by lymphokine-activated killer cells in, **117**

Hepatocyte injury in acute alcoholic hepatitis, free radical generation by neutrophils as potential mechanism of, **1157**

HERMANOWICZ, A, GIBSON, P R, and JEWELL, D P: Tumour related inhibition of macrophage chemotaxis in patients with colon cancer, **416**

HESSE, B. *See* JØRGENSEN, F, HESSE, B, *et al.*

HICKSON, F. *See* HOUGHTON, L A, HICKSON, F, *et al.*

HIGGS, N B. *See* MORIARTY, K J, HIGGS, N B, *et al.*

HILL, I D, and ALTMAN, D G: Need for confidence intervals in reporting clinical trials (*Letter*), **1549**

HILL, M J. *See* CAYGILL, C P J, HILL, M J, *et al.*

——. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*

HILL, P G. *See* TURNER, J M, LAWRENCE, S, *et al.*

HINCHLIFFE, R F C. *See* BARDHAN, K D, THOMPSON, M, *et al.*

Hindgut, rabbit, propionate absorption and metabolism in, **1077**

Histamine H_2-receptor. *See* H_2-receptor

HITCHCOCK, A. *See* HARRISON, J, MORRIS, D L, *et al.*

HIV infection, rectal mucosa of men with and without, immunological study of, **1619**

HLA-DR expression, natural killer cells and IgE containing cells in jejunal mucosa of coeliac children, **988**

HOBSLEY, M. *See* WHITFIELD, P F, and HOBSLEY, M

HODGSON, H J F. *See* GUPTA, S, BARTER, S, *et al.*

——. *See* THOMPSON, J N, SALEM, R R, *et al.*

HOEK, F J, BERGH, F A J T M VAN DEN, KLEIN ELHORST, J T, MEIJER, J L, TIMMER, E, and TYTGAT, G N J: Improved specificity of the PABA test with p-aminosalicylic acid, **468**

HOLDEN, S. *See* EDWARDS, C A, HOLDEN, S, *et al.*

HOLDSWORTH, C D. *See* RAO, S S C, READ, N W, *et al.*

HOLLANDER, D, and TARNAWSKI, A S: Essential fatty acids and peptic ulcer disease (*Letter*), **915**

HOLLY, J. *See* O'BRIEN, J D, THOMPSON, D G, *et al.*

HOLMES, G K T. *See* TURNER, J M, LAWRENCE, S, *et al.*

HOLMFIELD, J H M. *See* WOMACK, N R, WILLIAMS, N S, *et al.*

HOLST, J J. *See* JENSEN, S L, HOLST, J J, *et al.*

HOLT, S. *See* FINCH, P J, RYAN, F P, *et al.*

HOPF, U. *See* ZEITZ, M, HOPF, U, *et al.*

HÖPKER, W W. *See* LIMBERG, B, HÖPKER, W W, *et al.*

HORI, R. *See* KANG, J Y, WU, A Y T, *et al.*

HORIIKE, N. *See* ONJI, M, KONDOH, H, *et al.*

HOSKING, S W, ROBINSON, P, and JOHNSON, A G: Effect of Valsalva's manoeuvre and hyoscinbutylbromide on the pressure gradient across the wall of oesophageal varices, **1151**

HOSODA, S. *See* SENDA, S, FUJIYAMA, Y, *et al.*

HØST, A. *See* HUSBY, S, FOGED, N, *et al.*

HOTZ, J. *See* LAYER, P, HOTZ, J, *et al.*

HOUGHTON, L A, HICKSON, F, and READ, N W: Effect of food consistency on gastric emptying in man, **1584**

HOWDEN, C W, and HUNT, R H: Relationship between gastric secretion and infection (*Progress report*), **96**

——. *See also* JONES, D B, HOWDEN, C W, *et al.*

H_2-receptor and anti-muscarinic receptor blockade, combined, in healing of refractory duodenal ulcer, **1505**

——antagonist (cimetidine), large single dose of, for duodenal ulcer, size of dose and timing, clinicopharmacological study, **566**

——antagonists, effect on intragastric acidity, influence of smoking on, trial of, **549**

————. *See also* Ranitidine

HSIEH, K H, SHU, S, LEE, C S, CHU, C T, YANG, C S, and CHANG, K J: Lysis of primary hepatic tumours by lymphokine activated killer cells, **117**

HUDSON, M J. *See* BARR, G D, HUDSON, M J, *et al.*

HUGHES, B R. *See* MYERS, B, EVANS, D N W, *et al.*

HUGHES, R D. *See* GUARNER, F, HUGHES, R D, *et al.*

HUI, W M, and LAM, S K: Multiple duodenal ulcer: natural history and pathophysiology, **1134**

HULKS, G. *See* MACKIE, C R, BAXTER, J N, *et al.*

Humoral, cell mediated and antibody dependent cell mediated cytotoxic responses, alterations during amoebic infection in guinea pigs, **1251**

HUMPHREYS, J F H. *See* NOLAN, N P M, KELLY, C P, *et al.*

HUNT, R H. *See* HOWDEN, C W, and HUNT, R H

——. *See* JONES, D B, HOWDEN, C W, *et al.*

HUSBY, S, FOGED, N, HØST, A, and SVEHAG, S-E: Passage of dietary antigens into the blood of children with coeliac disease: quantification and size distribution of absorbed antigens, **1062**

Hydatid cysts, albendazole sulphoxide penetration into, **75**

Hydrogen analysis, adaptation for measurement of stomach to caecum transit time in rat, **849**

——breath test, evaluation of, and definition and elimination of early hydrogen peak, **721**

Hyoscinbutylbromide and Valsalva's manoeuvre, effects on pressure gradient across wall of oesophageal varices, **1151**

Hypergastrinaemia and achlorhydria as causal sequence for gastric carcinoid tumours, reassessment of (*Progress report*), **488**; (*Letters*), **1189, 1191, 1319**

Hypertension, portal, gastric mucosa in (*Letter*), **1324**

——, ——, in biliary disease, development of, role of liver atrophy, hepatic resection and hepatocyte hyperplasia in, **1022**

Hypnotherapy in severe irritable bowel syndrome, **423**

IIDA, M. *See* NISHIDA, T, MIWA, H, *et al.*

IISHI, H. *See* TATSUTA, M, IISHI, H, *et al.*

Ileostomy and colectomy, patient's reactions to, personal account, **81**

Ileum, rabbit, organ culture of, as model for investigation of mechanism of intestinal damage by enteropathogenic *Escherichia coli*, **1283**

——, rat, enterocytes adapting to proximal small bowel resection, increased activity of digestive enzymes in, **981**

——, ——, transport, effect of serotonin, cisapride inhibition of, evidence for involvement of 5-HT$_2$ receptors in, **844**

IMAMURA, S. *See* MIYACHI, Y, YOSHIOKA, A, *et al.*

Immunoglobulin A subclasses, local alterations in ulcerative colitis and Crohn's disease of colon, **1013**

——A$_1$ and sIgA, colonic bacterial proteases to, in ulcerative colitis, **186**; (*Letter*), **917**

——allotypes in Crohn's disease in Netherlands, **610**

——E containing cells, HLA-DR expression and natural killer cells in jejunal mucosa of coeliac children, **988**

————plasma cell and intraepithelial mast cell response, rectal spirochaetosis associated with, 2 cases of, **588**

——, local production of, difference between gastritis associated with dermatitis herpetiformis and simple gastritis, **1589**

Immunological study of rectal mucosa of men with and without HIV infection, **1619**

INADA, M. *See* KUDO, H, INADA, M, *et al.*

^{111}Indium-labelled granulocytes and α$_1$-antitrypsin, faecal excretion of, in assessment of disease activity in chronic inflammatory bowel diseases, **386**

INDRAN, M. *See* GALLOWAY, D J, JARRETT, F, *et al.*

INGOLDBY, C J H, MASON, M K, and HALL, R I: Endoscopic needle aspiration cytology: a new method for the diagnosis of upper gastrointestinal cancer, **1142**

Interferon, lymphoblastoid, for chronic active hepatitis B (*Clinical trial*), **619**

Interleukin 2, recombinant, effect on hepatitis Be antigen positive chronic hepatitis, **1648**

International Organisation for the Study of Inflammatory Bowel Disease: Report No 1: Observer variation in calculating indices of severity and activity in Crohn's disease, **474**

Intestinal adenovirus, human, role in pathogenesis of coeliac disease, evidence for, **995**

——schistosomiasis, protein losing enteropathy due to (*Case report*), **616**

——sympathetic nervous activity, hepatic, enhanced, evidence of, in hepatic intestinal uptake and release of catecholamines in alcoholic cirrhosis, **1637**

Intestine, large, and portal, hepatic and venous blood, human, short chain fatty acids in, **1221**

——, ——, rat, and human large intestine, normal and inflamed, mucosal surface pH of, **707**

——, ——. *See also* Hindgut

——, small, adenocarcinoma of, and neurofibromatosis, association between (*Case report*), **1173**

——, ——, Crohn's disease of, active, abnormal lactulose/rhamnose permeability in, improvement by elemental diet, **1073**

——, ——, enterocyte turnover in rat, effect of chronic ethanol ingestion, **52**

——, ——, hamartoma of, neuromuscular and vascular, as form of Crohn's disease (*Case reports*), **1663**

——, ——, human, permeability, effect of NSAIDs and prostaglandins, statistical assessment (*Letters*), **777**

——, ——, involvement in progressive systemic sclerosis detected by increased unconjugated serum bile acids, **446**

——, ——, lactase activity and active galactose absorption in rat, effect of chronic ethanol ingestion, **56**

——, ——, motor responses to intraluminal distension in normal volunteers and in patient with visceral neuropathy, **714**

——, ——, mouse, intraepithelial lymphocytes from, inability to induce systemic graft-versus-host reaction due to failure to migrate *in vivo*, **1267**

——, ——, mucosa of, increased phospholipase A$_2$ and decreased lysophospholipase activity after ischaemia and revascularisation in, **1445**

——, ——, proximal, resection of, rat ileal enterocytes adapting to, increased activity of digestive enzymes in, **981**

——, ——, resection of, neurotensin-like immunoreactivity in rat after, **1107**

——, ——, resistances in, and gastroduodenal brake, **950**

——, ——, response to 'elemental' and 'complete' liquid feeds in rat, effect of dietary bulk, **688**

——, ——, transit, correlation with ^{75}SeHCAT test results in detection of bile acid malabsorption in functional diarrhoea, **970**

Intestines, carcinogenesis, experimental, and enteroglucagon in rat, **33**

——, damage by enteropathogenic *Escherichia coli*, mechanism of, organ culture of rabbit ileum as model for investigation of, **1283**

——, dietary macromolecular absorption, possible role in disease (*Leading article*), **1057**

——, epithelium, response to refeeding in rat, effects of elemental diet, inert bulk, and dietary fibre and relationship to plasma gastrin, enteroglucagon, and PYY concentrations, **171**

——, function during acute viral hepatitis, investigation using combined sugar oral loads, **1439**

——, human, distribution of 10 000 molecular weight calcium binding protein along small and large intestine, **878**

——, inflammatory disease, chronic, abnormal arachidonic acid metabolism with enhanced release of leucotriene B$_4$ from activated neutrophils in, **181**

——, ————, ——, disease activity in, assessment from faecal excretion of α$_1$-antitrypsin and ^{111}In-labelled granulocytes, **386**

——, ————, colonic epithelial dysplasia in, colonoscopy screening for, **1489**

——, ————, in childhood, stoma surgery for, psychosocial sequelae of, **1257**

——, ————, osteoporosis in, **410**

——, ————, psychiatric illness in, **1600**

——, ————related to reactive arthritis, histopathology of, **394**

——, irritable bowel syndrome, bran efficacious in? (*Clinical trial*), **221**

——, ——————, colonic motility in, reduction by intravenous nicardipine, **1609**

——, ——————, ispaghula husk in, optimum dosage and correlation of symptom relief with whole gut transit time and stool weight, **150**

——, ——————, ispaghula in, **1510**

——, ——————, painless diarrhoea of, colonic myoelectrical activity in, **1613**

——, ——————, psychological factors in (*Progress report*), **1307**

——, ——————, relation to life events and psychiatric illness, **160**

——, ——————, severe, hypnotherapy in, **423**

——, ——————, symptoms related to objective measurements of large bowel function?, **146**; (*Letter*), **1321**

——, ——bowel-type symptoms in spontaneous and induced constipation, **156**

——, lamina propria, and peripheral blood, lymphocyte activation in Crohn's disease defined by expression of early activation antigens in, **745**

——, motor disturbances in rat after laparotomy, involvement of alpha-1 and alpha-2 adrenoceptors in, **955**
——, neonatal rat, development of phospholipase A_2 and lysophosphatidylcholine metabolising enzyme activities in, **822**
——, oestrogen metabolism, and plasma sex hormones in healthy men, effect of oxytetracycline, **439**
——, permeability studies, molecular radii of probes used in (*Letter*), **110**
——, pseudo-obstruction, idiopathic, chronic, clinical and intestinal manometric findings in, **5**
——, transport and morphology, effects of auranofin and myochrysine, **829**
——, trophic effect of intravenous (but not intragastric) urogastrone-EGF in parenterally fed rats, **573**
Intraabdominal pressure rises, preservation of faecal continence during, role for flap valve in?, **1242**
Intraepithelial mast cell and IgE plasma cell response, rectal spirochaetosis associated with, 2 cases of, **588**
Intragastric acidity, effect of histamine H_2-receptor antagonists, influence of smoking on, trial of, **549**
————, suppression of, in duodenal ulcer, meta-analysis defining optimal dosing with antisecretory drugs for, **1120**
——bile acid concentrations unrelated to flatulent dyspepsia in patients with and without gallbladder disease and post-cholecystectomy, **131**
——pH and gastric acid output, overnight, effect of bedtime ranitidine, dose/response study and comparison with cimetidine, **294**
————, effect on antral gastrin and somatostatin release in anaesthetised, atropinised duodenal ulcer patients and controls, **206**
Intraluminal pH monitoring, technical aspects, current status and recommendations (*Progress report*), **1177**
ISBERG, P-E. *See* JOHNSSON, F, JOELSSON, B, *et al.*
Ischaemia and revascularisation, increased phospholipase A_2 and decreased lysophospholipase activity in small intestinal mucosa after, **1445**
ISLAM, M. *See* BUTLER, T, DAHMS, B, *et al.*
ISLAM, M R: Single dose tetracycline in cholera (*Clinical trial*), **1029**
Ispaghula husk in irritable bowel syndrome, optimum dosage and correlation of symptom relief with whole gut transit time and stool weight, **150**
——in irritable bowel syndrome, **1510**
IZZO, C M. *See* PARRILLI, G, CUOMO, R, *et al.*

JAGELMAN, D G. *See* SARRE, R G, FROST, A G, *et al.*
JÄGER, K. *See* HEER, M, REPOND, F, *et al.*
JARRETT, F. *See* GALLOWAY, D J, JARRETT, F, *et al.*
JASS, J R. *See* MELVILLE, D M, NORTHOVER, J M A, *et al.*
——. *See* SHEPHERD, N A, and JASS, J R
JEFFRIES, D J. *See* WEBER, J N, THOM, S, *et al.*
Jejunum, mucosa of, in coeliac children, HLA-DR expression, natural killer cells and IgE containing cells in, **988**
——, rat, effects of olsalazine, **346**
——, water and electrolyte absorption from 2 enteral feeds, importance of sodium content in, **681**
JENKINS, D, RICHARDS, J E, REES, Y, and WICKS, A C B: Multiple listerial liver abscesses (*Case report*), **1661**
JENKINS, J. *See* LASK, B, JENKINS, J, *et al.*
JENKINS, S A. *See* BAXTER, J N, GRIME, J S, *et al.*
JENKINS, W J. *See* MAZZANTI, R, DEBNAM, E S, *et al.*
——. *See* MAZZANTI, R, and JENKINS, W J
JENSEN, H-E. *See* JENSEN, S L, HOLST, J J, *et al.*
JENSEN, S L, HOLST, J J, CHRISTIANSEN, L A, SHOKOUH-AMIRI, M H, LORENTSEN, M, BECK, H, and JENSEN, H-E: Effect of intragastric pH on antral gastrin and somatostatin release in anaesthetised, atropinised duodenal ulcer patients and controls, **206**
JESS, P. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*
JEWELL, D P. *See* BARR, G D, HUDSON, M J, *et al.*
——. *See* GEBBERS, J-O, FERGUSON, D J P, *et al.*
——. *See* GUAN, R, RAWCLIFFE, P M, *et al.*
——. *See* HERMANOWICZ, A, GIBSON, P R, *et al.*
——. *See* MOHSEN, A Q M, MULVEY, D, *et al.*
JOELSSON, B. *See* JOHNSSON, F, JOELSSON B, *et al.*
JOERGENSEN, I. *See* HENDEL, L, HENDEL, J, *et al.*
JOHANSSON, C. *See* EINARSSON, K, ANGELIN, B, *et al.*
JOHNSON, A G. *See* HOSKING, S W, ROBINSON, P, *et al.*
JOHNSON, I. *See* TURNER, J M, LAWRENCE, S, *et al.*
JOHNSON, P. *See* FORBES, A, PORTMANN, B, *et al.*
JOHNSSON, F, JOELSSON, B, and ISBERG, P-E: Ambulatory 24 hour intraoesophageal pH-monitoring in the diagnosis of gastro-oesophageal reflux disease, **1145**
JONES, B J M. *See* SPILLER, R C, JONES, B J M, *et al.*
JONES, D B, HOWDEN, C W, BURGET, D W, KERR, G D, and HUNT, R H: Acid suppression in duodenal ulcer: a meta-analysis to define optimal dosing with antisecretory drugs, **1120**
JONES, P F: Anastomotic recurrence of colorectal cancer (*Letter*), **1691**
JONES, T J, and MARSHALL, T L: Neurofibromatosis and small bowel adenocarcinoma: an unrecognised association (*Case report*), **1173**
JORDE, R, BURHOL, P G, and HANSEN, T: Ranitidine 150 mg at night in the prevention of gastric ulcer relapse, **460**
JØRGENSEN, F, HESSE, B, and ELSBORG, L: Scintigraphic assessment of oesophageal motility (*Letter*), **363**
JUDD, D. *See* COMPSTON, J E, JUDD, D, *et al.*

KAGNOFF, M F, PATERSON, Y J, KUMAR, P J, KASARDA, D D, CARBONE, F R, UNSWORTH, D J, and AUSTIN, R K: Evidence for the role of a human intestinal adenovirus in the pathogenesis of coeliac disease, **995**
KALVARIA, I, BORNMAN, P C, GIRDWOOD, A H, and MARKS, I N: Periampullary cyst: a surgically remediable cause of pancreatitis (*Case report*), **358**
KANG, J Y, WU, A Y T, CHIA, J L S, WEE, A, SUTHERLAND, I H, and HORI, R: Clinical and ultrastructural studies in duodenal pseudomelanosis (*Case reports*), **1673**
Kaposi's sarcoma, AIDS-related, presenting as ulcerative colitis and complicated by toxic megacolon, **1302**
KARAUS, M, SARNA, S K, AMMON, H V, and WIENBECK, M: Effects of oral laxatives on colonic motor complexes in dogs, **1112**
KARLSTADT, R G, FRANK, W O, ANTELL, L A, SHAPOWAL, S W, and PALMER, R H: Cimetidine and ranitidine on basal and ACTH-stimulated steroidogenesis (*Letter*), **1688**
KARRAN, S. *See* MCLAREN, M, BRAYE, S, *et al.*
KASARDA, D D. *See* KAGNOFF, M F, PATERSON, Y J, *et al.*
KEHL, O. *See* HEER, M, REPOND, F, *et al.*
KEIGHLEY, M R B, and HALL, C: Anastomotic recurrence of colorectal cancer – a biological phenomenon or an avoidable calamity? (*Leading article*), **786**
KELLOW, J E, GILL, R C, and WINGATE, D L: Modulation of human upper gastrointestinal motility by rectal distension, **864**
——. *See also* GILL, R C, KELLOW, J E, *et al.*
KELLY, C P. *See* NOLAN, N P M, KELLY, C P, *et al.*
KELLY, M P: Managing radical surgery: notes from the patient's viewpoint, **81**
KELLY, P. *See* GEBBERS, J-O, FERGUSON, D J P, *et al.*
KEMENY, N. *See* ALLEN-MERSH, T G, KEMENY, N, *et al.*
KEMP, R T. *See* WALT, R P, KEMP, R T, *et al.*
KENDALL, G P N, THOMPSON, D G, and DAY, S J: Motor responses of the small intestine to intraluminal distension in normal volunteers and a patient with visceral neuropathy, **714**
——, ——, ——, and GARVIE, N: Motor responses of the oesophagus to intraluminal distension in normal subjects and patients with oesophageal clearance disorders, **272**
KENYON, C J, FRASER, R, CONNELL, J M C, and LEVER, A F: Cimetidine and ranitidine on basal and ACTH-stimulated steroidogenesis (*Letter*), **1690**
KERR, G D. *See* JONES, D B, HOWDEN, C W, *et al.*
KETT, K, and BRANDTZAEG, P: Local IgA subclass alterations in ulcerative colitis and Crohn's disease of the colon, **1013**

KHUFFASH, F A, BARAKAT, M H, SHALTOUT, A A, FARWANA, S S, ADNANI, M S, and TUNGEKAR, M F: Coeliac disease among children in Kuwait: difficulties in diagnosis and management, **1595**

KIIRE, C F, and GWAVAVA, N: Protein losing enteropathy: an unusual presentation of intestinal schistosomiasis (*Case report*), **616**

Killer cells. *See* Lymphokine-activated killer cells; Natural killer cells

KING, C. *See* BARDHAN, K D, THOMPSON, M, *et al.*

KING, P M, PRYDE, A, and HEADING, R C: Transpyloric fluid movement and antroduodenal motility in patients with gastro-oesophageal reflux, **545**

KIRKEGAARD, P. *See* OLSEN, P S, PEDERSEN, J H, *et al.*

KIRKHAM, J S. *See* CAYGILL, C P J, HILL, M J, *et al.*

——. *See* HALL, C N, KIRKHAM, J S, *et al.*

KJÆR, T. *See* SZECSI, P B, HALGREEN, H, *et al.*

KLEIN ELHORST, J T. *See* HOEK, F J, BERGH, F A J T M VAN DEN, *et al.*

KLEMOLA, T. *See* ARATO, A, SAVILAHTI, E, *et al.*

KOCH, W. *See* FISCHBACH, W, BECKER, W, *et al.*

KOCHHAR, R, and MEHTA, S K: Colorectal carcinoma in ulcerative colitis (*Letter*), **917**

——. *See also* BHASIN, D K, KOCHHAR, R, *et al.*

KOHLER, W. *See* BAUERFEIND, P, CILLUFFO, T, *et al.*

KOMMERELL, B. *See* LIMBERG, B, HÖPKER, W W, *et al.*

KOMOROWSKI, R A. *See* AMMON, H V, FOWLE, S A, *et al.*

KONDOH, H. *See* ONJI, M, KONDOH, H, *et al.*

KONIKOFF, F, MOR, C, STERN, S, SHAKLAI, M, HALEVY, J, and THEODOR, E: Cholestasis and liver failure with lambda-AL amyloidosis (*Case report*), **903**

KONTUREK, J W. *See* KONTUREK, S J, KWIECIEŃ, N, *et al.*

KONTUREK, S J, BILSKI, J, KWIECIEŃ N, OBTUŁOWICZ, W, KOPP, B, and OLEKSY, J: De-Nol stimulates gastric and duodenal alkaline secretion through prostaglandin dependent mechanism, **1557**

——, KWIECIEŃ, N, OBTUŁOWICZ, W, THOR, P, KONTUREK, J W, POPIELA, T, and OLEKSY, J: Vagal cholinergic control of gastric alkaline secretion in normal subjects and duodenal ulcer patients, **739**; (*Letter*, by Konturek), **1687**

——, POPIELA, T, SŁOWIACZEK, M, and BIELAŃSKI, W: Gastric acid and pancreatic polypeptide responses to modified sham feeding: effects of truncal and parietal cell vagotomy, **280**

——, RADECKI, T, PIASTUCKI, I, BRZOZOWSKI, T, and DROZDOWICZ, D: Gastrocytoprotection by colloidal bismuth subcitrate (De-Nol) and sucralfate: role of endogenous prostaglandins, **201**

KOPP, B. *See* KONTUREK, S J, BILSKI, J, *et al.*

KORPELA, J T. *See* HÄMÄLÄINEN, E, KORPELA, J T, *et al.*

KRASNER, N, BARR, H, SKIDMORE, C, and MORRIS, A I: Palliative laser therapy for malignant dysphagia, **792**

KRAWIEC, J. *See* ODES, H S, FRASER, D, *et al.*

KRISTENSEN, E. *See* LARSEN, B, TARP, U, *et al.*

KRUSE-ANDERSEN, S, WALLIN, L, and MADSEN, T: Relationship between spontaneous non-propagating pressure activity in the oesophagus and acid gastro-oesophageal reflux in pathological and non-pathological refluxers, **1478**

KUDO, H, INADA, M, OHSHIO, G, WAKATSUKI, Y, OGAWA, K, HAMASHIMA, Y, and MIYAKE, T: Immunohistochemical localisation of vitamin B_{12} R-binder in the human digestive tract, **339**

KUMAR, A, KUMAR, N, VIJ, J C, SARIN, S K, and ANAND, B S: Optimum dosage of ispaghula husk in patients with irritable bowel syndrome: correlation of symptom relief with whole gut transit time and stool weight, **150**

KUMAR, N. *See* KUMAR, A, KUMAR, N, *et al.*

KUMAR, P J. *See* KAGNOFF, M F, PATERSON, Y J, *et al.*

KUMON, I. *See* ONJI, M, KONDOH, H, *et al.*

KWIECIEŃ, N. *See* KONTUREK, S J, BILSKI, J, *et al.*

——. *See* KONTUREK, S J, KWIECIEŃ, N, *et al.*

Lactase activity and active galactose absorption in rat small intestine, effect of chronic ethanol ingestion, **56**

Lactitol and lactulose, comparative modes of action in treatment of hepatic encephalopathy, **255**

Lactulose, long term ingestion, effect on secondary bile salt metabolism and potential protective effect in colonic carcinogenesis, **675**

Lactulose/rhamnose permeability, abnormal, in active Crohn's disease of small bowel, improvement by elemental diet, **1073**

LAFERLA, G. *See* MCCOLL, K E L, BUCHANAN, N M M, *et al.*

LAM, S K. *See* HUI, W M, and LAM, S K

LAMONT, G, EVANS, D, and REYNOLDS, J: Symptoms of IBS and objective measurements of large bowel function (*Letter*), **1321**

LANGE, G G DE. *See* BIEMOND, I, LANGE, G G DE, *et al.*

Laparotomy, intestinal motor disturbances in rat after, involvement of alpha-1 and alpha-2 adrenoceptors in, **955**

LARSEN, B, TARP, U, and KRISTENSEN, E: Familial giant hypertrophic gastritis (Ménétrier's disease) (*Case report*), **1517**

Laser palliation, Nd YAG, endoscopic, for advanced malignant dysphagia, **799**

——therapy, Nd YAG, palliative, for malignant dysphagia, **792**

LASK, B, JENKINS, J, NABARRO, L, and BOOTH, I: Psychosocial sequelae of stoma surgery for inflammatory bowel disease in childhood, **1257**

LAU, W Y, FAN, S T, WONG, S H, WONG, K P, POON, G P, CHU, K W, YIP, W C, and WONG, K K: Preoperative and intraoperative localisation of gastrointestinal bleeding of obscure origin, **869**

LAURITSEN, K, LAURSEN, L S, BUKHAVE, K, and RASK-MADSEN, J: *In vivo* effects of orally administered prednisolone on prostaglandin and leucotriene production in ulcerative colitis, **1095**

LAURSEN, L S. *See* LAURITSEN, K, LAURSEN, L S, *et al.*

LAWES, I N C. *See* ASALA, S A, BOWER, A J, *et al.*

LAWLEY, T J. *See* ZEITZ, M, HOPF, U, *et al.*

LAWRENCE, S. *See* TURNER, J M, LAWRENCE, S, *et al.*

Laxatives, oral, effects on colonic motor complexes in dogs, **1112**

LAYER, P, HOTZ, J, CHERIAN, L, and GOEBELL, H: *In vitro* stimulation of pancreatic enzyme discharge by calcium, **1215**

LAZZARONI, M. *See* BIANCHI PORRO, G, PARENTE, F, *et al.*

LEARDI, S. *See* SIMI, M, LEARDI, S, *et al.*

LECARPENTIER, J. *See* RILEY, S A, LECARPENTIER, J, *et al.*

LEE, C S. *See* HSIEH, K H, SHU, S, *et al.*

LEE, M G. *See* MYERS, B, EVANS, D N W, *et al.*

LEE, Y C. *See* SPILLER, R C, LEE, Y C, *et al.*

LEES, W R. *See* HALL-CRAGGS, M A, and LEES, W R

LEISNER, B. *See* STELLAARD, F, SAUERBRUCH, T, *et al.*

LEMANN, M, MESSING, B, D'AGAY, F, and MODIGLIANI, R: Crohn's disease with respiratory tract involvement (*Case reports*), **1669**

LENNARD-JONES, J E. *See* MELVILLE, D M, NORTHOVER, J M A, *et al.*

LENTON, W. *See* GOODLAD, R A, LENTON, W, *et al.*

——. *See* GOODLAD, R A, WILSON, T J G, *et al.*

Leucotriene and prostaglandin production in ulcerative colitis, *in vivo* effects of oral prednisolone, **1095**

——B_4, enhanced release from activated neutrophils in chronic inflammatory bowel disease, **181**

LEVER, A F. *See* KENYON, C J, FRASER, R, *et al.*

LEVI, J A. *See* BJARNASON, I, WILLIAMS, P, *et al.*

LEWIN, M R. *See* GELISTER, J S K, LEWIN, M R, *et al.*

Life events and psychiatric illness, relation to irritable bowel syndrome, **160**

LIMBERG, B, HÖPKER, W W, and KOMMERELL, B: Histologic differential diagnosis of focal liver lesions by ultrasonically guided fine needle biopsy, **237**

LINDMARK, D. *See* OTAMIRI, T, FRANZÉN, L, *et al.*

LINDPAINTNER, K. *See* BUTLER, T, DAHMS, B, *et al.*

LINDSAY, D C. *See* AL MARDINI, H, LINDSAY, D C, *et al.*

LINDSTEDT, G. *See* LUNDELL, L, LINDSTEDT, G, *et al.*

LING, K L E. *See* MCNEIL, N I, LING, K L E, *et al.*

Lipids, biliary, metabolism in chronic pancreatitis, influence of steatorrhoea, **1495**

Lipopolysaccharides from *E coli*, complement fixing antibodies against, absence in subgroup of patients with Crohn's disease, **1460**

Liquid test meal, lactulose labelled, delayed mouth-to-caecum transit in patients with steatorrhoea caused by partially treated coeliac disease, **1275**

Listerial liver abscesses, multiple (*Case report*), **1661**

Lithotripsy, electrohydraulic, of gall stones, *in vitro* and animal studies, **267**

Liver abscesses, listerial, multiple (*Case report*), **1661**

——cell. *See* Hepatocellular; Hepatocyte

——cirrhosis and non-cirrhotic portal fibrosis, measurement and correlation of wedged hepatic, intrahepatic, intrasplenic and intravariceal pressures in, **260**

——disease, bacterial infection problems in (*Progress report*), **623**

——failure and cholestasis with lambda-AL amyloidosis (*Case report*), **903**

——lesions, focal, histologic differential diagnosis by ultrasonically guided fine needle biopsy, **237**

——metastases in rat model, degradable starch microspheres for, temporary blood flow stasis with, **1201**

——of patient with prolonged fever, isolation of *Chlamydia trachomatis* from (*Case report*), **1514**

——. *See also* Hepatic

LLOYD, R S. *See* ROBERTSON, D A F, ALDERSLEY, M A, *et al.*

LOEFFLER, R F. *See* AMMON, H V, FOWLE, S A, *et al.*

LÖFBERG, R, TRIBUKAIT, B, ÖST, Å, BROMSTRÖM, O, and REICHARD, H: Flow cytometric DNA analysis in longstanding ulcerative colitis: a method of prediction of dysplasia and carcinoma development?, **1100**

LOGAN, R F A: The need for confidence intervals in reporting clinical trials (*Letter*), **916**

LONDONG, V. *See* LONDONG, W, LONDONG, V, *et al.*

LONDONG, W, LONDONG, V, MEIERL, A, and VODERHOLZER, U: Telenzepine is at least 25 times more potent than pirenzepine – a dose response and comparative secretory study in man, **888**

LONG, A. *See* AFDHAL, N H, LONG, A, *et al.*

LORENTSEN, M. *See* JENSEN, S L, HOLST, J J, *et al.*

LOUD, F B. *See* OLSEN, J A, LOUD, F B, *et al.*

LOVE, A H G. *See* WATSON, R G P, and LOVE, A H G

LOWE, J S. *See* FOSTER, P N, STEWART, M, *et al.*

LOWNDES, J. *See* LUCEY, M R, CLARK, M L, *et al.*

LUCAS, C R. *See* BIGGS, B A, CROWE, S M, *et al.*

LUCAS, M L. *See* MCLAUCHLAN, G, RAWLINGS, J M, *et al.*

LUCEY, M R: The need for confidence intervals in reporting clinical trials (*Letter*), **916**

——, CLARK, M L, LOWNDES, J, and DAWSON, A M: Is bran efficacious in irritable bowel syndrome?: a double blind placebo controlled crossover study (*Clinical trial*), **221**

LUDERSCHMIDT, C. *See* STELLAARD, F, SAUERBRUCH, T, *et al.*

LUNDELL, L. LINDSTEDT, G, and OLBE, L: Origin of gastrin liberated by gastrin releasing peptide in man, **1128**

LUNDIN, C. *See* BORCH, K, RENVALL, H, *et al.*

Lymphoblastoid interferon for chronic active hepatitis B (*Clinical trial*), **619**

Lymphocytes, intraepithelial, from mouse small intestine, inability to induce systemic graft-versus-host reaction due to failure to migrate *in vivo*, **1267**

——of peripheral blood and intestinal lamina propria, activation in Crohn's disease defined by expression of early activation antigens, **745**

Lymphokine-activated killer cells in gastrointestinal cancer, **1420**

—— —— ——in immunotherapy for cancer (*Leading article*), **113**

—— —— ——, lysis of primary hepatocellular carcinoma cells by, **117**

Lysophosphatidylcholine metabolising enzyme and phospholipase A_2 activities, development in neonatal rat intestine, **822**

Lysophospholipase activity, decreased, and increased phospholipase A_2 activity in small intestinal mucosa after ischaemia and revascularisation, **1445**

MCCALLUM, R W. *See* MITTAL, R K, ROCHESTER, D F, *et al.*

MCCARTHY, C. *See* BARDHAN, K D, THOMPSON, M, *et al.*

MCCARTHY, C F. *See* BREEN, E G, FARREN, C, *et al.*

MCCLOY, R F. *See* MCLAUCHLAN, G, RAWLINGS, J M, *et al.*

MCCOLL, K E L, BUCHANAN, N M M, LAFERLA, G, HEARNS, J, BUCHANAN, K, and CREAN, G P: Effects of nifedipine on gastric acid secretion and gastrin release in man, **455**

——, THOMPSON, G G, EL OMAR, E, MOORE, M R, and GOLDBERG, A: Porphyrin metabolism and haem biosynthesis in Gilbert's syndrome, **125**; (*Letter*, by McColl), **1549**

——. *See also* MCLAUCHLAN, G, RAWLINGS, J M, *et al.*

MCCONNELL, R B. *See* CRAMPTON, J R, TOBIN, M V, *et al.*

MCCULLAGH, K G. *See* GOODLAD, R A, WILSON, T J G, *et al.*

MACFARLANE, G T. *See* CUMMINGS, J H, POMARE, E W, *et al.*

MCGANNON, E. *See* SARRE, R G, FROST, A G, *et al.*

MCGLONE, F. *See* SANDLE, G I, and MCGLONE, F

MCHUGH, S M, and DIAMANT, N E: Anal canal pressure profile: a reappraisal as determined by rapid pullthrough technique, **1234**

MCINERNEY, P D, VAN DESSEL, M G, and BERSTOCK, D A: Spontaneous haemoperitoneum from rupture of a primary hepatic adenoma in an adult man (*Case report*), **1170**

MCINTOSH, J H. *See* NASIRY, R W, MCINTOSH, J H, *et al.*

MCKELVEY, S T D. *See* MOOREHEAD, R J, CAMPBELL, G R, *et al.*

MACKENZIE, S. *See* BACA, M E, MOWAT, A MCI, *et al.*

MACKIE, C R, BAXTER, J N, GRIME, J S, HULKS, G, and CUSCHIERI, A: Gall bladder emptying in normal subjects – a data base for clinical cholescintigraphy, **137**

——. *See also* PARR, N J, GRIME, J S, *et al.*

MCKINLAY, A W. *See* TAIT, G W, and MCKINLAY, A W

MCLAREN, M, BRAYE, S, FLEMING, J, KARRAN, S, and TAYLOR, I: Changes in blood flow, portal pressure and shunting during the development of cirrhosis in response to beta-blockade, **663**

MCLAUCHLAN, G, RAWLINGS, J M, LUCAS, M L, MCCLOY, R F, CREAN, G P, and MCCOLL, K E L: Electrodes for 24 hour pH monitoring – a comparative study, **935**

MCLEAN, L. *See* BATT, R M, HART, C A, *et al.*

MCMILLAN, A. *See* BISHOP, P E, MCMILLAN, A, *et al.*

MCNEIL, D. *See* TALLEY, N J, MCNEIL, D, *et al.*

MCNEIL, N I, LING, K L E, and WAGER, J: Mucosal surface pH of the large intestine of the rat and of normal and inflamed large intestine in man, **707**

Macromolecules, dietary, intestinal absorption, possible role in disease (*Leading article*), **1057**

Macrophage chemotaxis in colon cancer, tumour related inhibition of, **416**

MACSWEEN, R N M, and WILLIAMS, G T: Future requirements for colonoscopy in Britain (*Letter*), **1322**

MADSEN, T. *See* KRUSE-ANDERSEN, S, WALLIN, L, *et al.*

MAHIDA, Y R. *See* PATIL, D H, WESTABY, D, *et al.*

MAHMOUD, M. *See* GELISTER, J S K, LEWIN, M R, *et al.*

MAIO, G. *See* PARRILLI, G, CUOMO, R, *et al.*

MAJUMDAR, A P N. *See* DUBICK, M A, CONTEAS, C N, *et al.*

Malabsorption, fat, diagnosis of, ^{14}C-triolein absorption test in, **694**

MALAGELADA, J-R. *See* STANGHELLINI, V, CAMILLERI, M, *et al.*

MALAGUTI, P. *See* SCIARRETTA, G, FAGIOLI, G, *et al.*

MALCHOW-MØLLER, A. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*

MALIK, A K. *See* VINAYAK, V K, SAXENA, A, *et al.*

MANDAL, B K. *See* RILEY, S A, LECARPENTIER, J, *et al.*

MANI, V. *See* RILEY, S A, LECARPENTIER, J, *et al.*

MANNICHE, C, MALCHOW-MØLLER, A, ANDERSEN, J R, PEDERSEN C, HANSEN, T M, JESS, P, HELLEBERG, L, RASMUSSEN, S N, TAGE-JENSEN, U, and NIELSEN, S E: Randomised study of the influence of non-steroidal anti-inflammatory drugs on the treatment of peptic ulcer in patients with rheumatic disease (*Clinical trial*), **226**

MANNING, A P, BULGIM, O R, DIXON, M F, and AXON, A T R: Screening by colonoscopy for colonic epithelial dysplasia in inflammatory bowel disease, **1489**

MARBET, U A, STALDER, G A, FAUST, H, HARDER, F, and GYR, K: Endoscopic sphincterotomy and surgical approaches in the treatment of the 'sump syndrome', **142**

MARCUS, S N, and HEATON, K W: Irritable bowel-type symptoms in spontaneous and induced constipation, **156**

MARKS, I N. *See* KALVARIA, I, BORNMAN, P C, *et al.*

MARPLES, M. *See* MUGHAL, M M, MARPLES, M, *et al.*

MARQUET, J. *See* BELAICHE, J, ZITTOUN, J, *et al.*

MARSHALL, T L. *See* JONES, T J, and MARSHALL, T L

MÅRTENSSON, H. *See* THESLEFF, P, BENONI, C, *et al.*

MARTIN, L E. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*

MASON, C. *See* GEBBERS, J-O, FERGUSON, D J P, *et al.*

MASON, M K. *See* INGOLDBY, C J H, MASON, M K, *et al.*

MASON, R C. *See* ROWE, P H, TAYLOR, P R, *et al.*

MASTROPAOLO, G, and REES, W D W: Evaluation of the hydrogen breath test in man: definition and elimination of the early hydrogen peak, **721**

MATTHEWS, J L. *See* SAVAGE, A P, MATTHEWS, J L, *et al.*

MATTHEWSON, K. *See* BOWN, S G, HAWES, R, *et al.*

MAXTON, D G, AINLEY, C C, GRAINGER, S L, MORRIS, R W, and THOMPSON, R P H: Teeth and benign oesophageal stricture, **61**

——, CYNK, E U, and THOMPSON, R P H: Small intestinal response to 'elemental' and 'complete' liquid feeds in the rat: effect of dietary bulk, **688**

——, and THOMPSON, R P H: Teeth and benign oesophageal stricture (*Letter*), **913**

MAZZANTI, R, DEBNAM, E S, and JENKINS, W J: Effect of chronic ethanol intake on lactase activity and active galactose absorption in rat small intestine, **56**

——, and JENKINS, W J: Effect of chronic ethanol ingestion on enterocyte turnover in rat small intestine, **52**

Megacolon, toxic, AIDS-related Kaposi's sarcoma presenting as ulcerative colitis and complicated by (*Case report*), **1302**

MEHTA, S K. *See* BHASIN, D K, KOCHHAR, R, *et al.*

——. *See* KOCHHAR, R, and MEHTA, S K

MEIERL, A. *See* LONDONG, W, LONDONG, V, *et al.*

MEIJER, J L. *See* HOEK, F J, BERGH, F A J T M VAN DEN, *et al.*

MEISTER, J-J. *See* GERTSCH, P, and MEISTER, J-J

MELHUISH, P B. *See* BENNETT, A, CIVIER, A, *et al.*

MELTON, L J, III. *See* STONNINGTON, C M, PHILLIPS, S F, *et al.*

MELVILLE, D M, NORTHOVER, J M A, JASS, J R, SHEPHERD, N A, and LENNARD-JONES, J E: DNA aneuploidy in ulcerative colitis (*Letter*), **643**

Ménétrier's disease (familial giant hypertrophic gastritis) (*Case report*), **1517**

MENZIES, I. *See* SANDERSON, I R, BOULTON, P, *et al.*

Meptazinol, enhanced oral bioavailability in cirrhosis, **248**

MERKI, H, WITZEL, L, HARRE, K, SCHEURLE, E, NEUMANN, J, and RÖHMEL, J: Single dose treatment with H2 receptor antagonists: is bedtime administration too late?, **451**

Mesalazine substitution, effect on sulphasalazine induced seminal abnormalities in ulcerative colitis, **1008**

Mesenteric blood flow, effect of exercise, **583**

MESSING, B. *See* LEMANN, M, MESSING, B, *et al.*

Microbial. *See* Bacterial

MIELANTS, H. *See* CUVELIER, C, BARBATIS, C, *et al.*

MIKULECKÝ, M: Porphyrin metabolism in Gilbert's, Dubin-Johnson, and Rotor's syndromes (*Letter*), **1548**

MILLER, P MCC. *See* FORD, M J, MILLER, P MCC, *et al.*

MILLS, J G. *See* DEAKIN, M, GLENNY, H P, *et al.*

MISIEWICZ, J J. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*

MITTAL, R K, ROCHESTER, D F, and MCCALLUM, R W: Effect of the diaphragmatic contraction on lower oesophageal sphincter pressure in man, **1564**

MIWA, H. *See* NISHIDA, T, MIWA, H, *et al.*

MIYACHI, Y: Effect of sulphasalazine and its metabolites on the generation of reactive oxygen species (*Letter*), **913**

——, YOSHIOKA, A, IMAMURA, S, and NIWA, Y: Effect of sulphasalazine and its metabolites on the generation of reactive oxygen species, **190**

MIYAKE, T. *See* KUDO, H, INADA, M, *et al.*

MODIGLIANI, R. *See* LEMANN, M, MESSING, B, *et al.*

MOHSEN, A Q M, MULVEY, D, PRIDDLE, J D, PARSONS, D S, and JEWELL, D P: Effects of olsalazine in the jejunum of the rat, **346**

MÖLLER, B. *See* ZEITZ, M, HOPF, U, *et al.*

MONSON, J R T, RAMSDEN, C W, GILES, G R, BRENNAN, T G, and GUILLOU, P J: Lymphokine activated killer cells in patients with gastrointestinal cancer, **1420**

MOORE, M R. *See* MCCOLL, K E L, THOMPSON, G G, *et al.*

MOOREHEAD, R J, CAMPBELL, G R, DONALDSON, J D, and MCKELVEY, S T D: Relationship between duodenal bile acids and colorectal neoplasia, **1454**

MOR, C. *See* KONIKOFF, F, MOR, C, *et al.*

MORELLI, A. *See* NARDUCCI, F, BASSOTTI, G, *et al.*

MORIARTY, K J, HIGGS, N B, WOODFORD, M, WARHURST, G, and TURNBERG, L A: Inhibition of the effect of serotonin on rat ileal transport by cisapride: evidence in favour of the involvement of 5-HT_2 receptors, **844**

MORRIS, A I. *See* KRASNER, N, BARR, H, *et al.*

MORRIS, D L, CHINNERY, J B, GEORGIOU, G, STAMATAKIS, G, and GOLEMATIS, B: Penetration of albendazole sulphoxide into hydatid cysts, **75**

——. *See also* HARRISON, J, MORRIS, D L, *et al.*

MORRIS, R W. *See* MAXTON, D G, AINLEY, C C, *et al.*

MORRISON, J F B. *See* WOMACK, N R, WILLIAMS, N S, *et al.*

MÖSSNER, J. *See* FISCHBACH, W, BECKER, W, *et al.*

Motor complex, migrating, and gastro-oesophageal reflux, **929**

——responses of small intestine to intraluminal distension in normal volunteers and in patient with visceral neuropathy, **714**

Mouth-to-caecum transit, delayed, of lactulose labelled liquid test meal in patients with steatorrhoea caused by partially treated coeliac disease, **1275**

—— ——time, effect of peptide YY, **166**

MOWAT, A MCI. *See* BACA, M E, MOWAT, A MCI, *et al.*

Mucosa(l). *See under* Colon; Gastric; Intestine, small; Jejunum; Rectum

Mucosal surface pH of rat large intestine and human normal and inflamed large intestine, **707**

Mucus bicarbonate barrier, functional role ('shield' or 'sieve') (*Leading article*), **1553**

——, gastric, glycoprotein in, molecular weight of, as predeterminant of degree of aspirin induced chronic gastric ulceration in rat, **287**

MUGHAL, M M, MARPLES, M, and BANCEWICZ, J: Scintigraphic assessment of oesophageal motility (*Letter*), **363**

MÜLLER-LISSNER, S A, and BAVARIAN CONSTIPATION STUDY GROUP: Treatment of chronic constipation with cisapride and placebo (*Clinical trial*), **1033**

——. *See also* SCHINDLBECK, N E, HEINRICH, C, *et al.*

MULVEY, D. *See* MOHSEN, A Q M, MULVEY, D, *et al.*

MUNSTER, D J. *See* BAGSHAW, P F, MUNSTER, D J, *et al.*

MURRAY, T. *See* BIRNIE, G G, THOMPSON, G G, *et al.*

MURRAY-LYON, I M. *See* ANDERSON, M G, HARRISON, T J, *et al.*

MUTCH, F: Fine needle biopsy: effect of needle size (*Letter*), **912**

MYERS, B, EVANS, D N W, RHODES, J, EVANS, B K, HUGHES, B R, LEE, M G, RICHENS, A, and RICHARDS, D: Metabolism and urinary excretion of 5-amino salicylic acid in healthy volunteers when given intravenously or released for absorption at different sites in the gastrointestinal tract, **196**

Myochrysine and auranofin, effects on intestinal transport and morphology in rat, **829**

Myoelectrical activity, colonic, in painless diarrhoea of irritable bowel syndrome, **1613**

NABARRO, L. *See* LASK, B, JENKINS, J, *et al.*

NACCARATO, R. *See* BATTAGLIA, G, DI MARIO, F, *et al.*

NANDA, R. *See* SARIN, S K, NANDA, R, *et al.*

——. *See* SARIN, S K, SETHI, K K, *et al.*

NARDONE, G. *See* PARRILLI G, CUOMO, R, *et al.*

NARDUCCI, F, BASSOTTI, G, GABURRI, M, and MORELLI, A: Twenty four hour manometric recording of colonic motor activity in healthy man, **17**

NASIRY, R W, MCINTOSH, J H, BYTH, K, and PIPER, D W: Prognosis of chronic duodenal ulcer: a prospective study of the effects of demographic and environmental factors and ulcer healing, **533**

Natural killer cells, HLA-DR expression and IgE containing cells in jejunal mucosa of coeliac children, **988**

NAYLOR, C P E. *See* CUMMINGS, J H, POMARE, E W, *et al.*

Neodymium YAG laser palliation, endoscopic, for advanced malignant dysphagia, **799**

————therapy, palliative, for malignant dysphagia, **792**

Neonatal rat intestine, development of phospholipase A_2 and lysophosphatidylcholine metabolising enzyme activities in, **822**

Neoplasia, colorectal, experimental, plasminogen activators in, role in adenoma-carcinoma sequence?, **816**

——, ——, relationship to duodenal bile acids, **1454**

NEUMANN, J. *See* MERKI, H, WITZEL, L, *et al.*

Neurofibromatosis and small bowel adenocarcinoma, association between (*Case report*), **1173**

——, von Recklinghausen's, achalasia-like disorder of oesophagus in (*Case report*), **1522**

Neuromuscular and vascular hamartoma of small intestine as form of Crohn's disease (*Case reports*), **1663**

Neuropathy, visceral, small intestinal motor responses to intraluminal distension in patient with, **714**

Neurotensin-like immunoreactivity after intestinal resection in rat, **1107**

Neutrophils, activated, enhanced release of leucotriene B_4 from, in chronic inflammatory bowel disease, **181**

——, free radical generation by, as potential mechanism of cellular injury in acute alcoholic hepatitis, **1157**

News, **113, 366, 508, 644, 780, 1192, 1325, 1552, 1692**

Nicardipine, intravenous, reduction of colonic motility in irritable bowel syndrome by, **1609**

NIEDZWIECKI D. *See* ALLEN-MERSH, T G, KEMENY, N, *et al.*

NIELSEN, F. *See* GUSTAFSEN, J, BOESBY, S, *et al.*

NIELSEN, O H, AHNFELT-RØNNE, I, and ELMGREEN, J: Abnormal metabolism of arachidonic acid in chronic inflammatory bowel disease: enhanced release of leucotriene B_4 from activated neutrophils, **181**

NIELSEN, S E. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*

Nifedipine, effect on gastric acid secretion and gastrin release, **455**

NILSSON, Å. *See* THESLEFF, P, BENONI, C, *et al.*

NISHIDA, T, MIWA, H, SHIGEMATSU, A, YAMAMOTO, M, IIDA, M, and FUJISHIMA, M: Increased arachidonic acid composition of phospholipids in colonic mucosa from patients with active ulcerative colitis, **1002**

Nitrosamine hypothesis of gastric carcinogenesis in precancerous conditions, evaluation of, and urinary N-nitrosoproline excretion, **216**

N-Nitrosoproline, urinary excretion, and evaluation of nitrosamine hypothesis of gastric carcinogenesis in precancerous conditions, **216**

NIWA, Y. *See* MIYACHI, Y, YOSHIOKA, A, *et al.*

NOLAN, N P M, KELLY, C P, HUMPHREYS, J F H, COONEY, C, O'CONNOR, R, WALSH, T N, WEIR, D G, and O'BRIAIN, D S: An epidemic of pseudomembranous colitis: importance of person to person spread, **1467**

NORTHFIELD, T C. *See* CAYGILL, C P J, HILL, M J, *et al.*

——. *See* CHAMBERS, J B, PRYCE, D, *et al.*

——. *See* HALL, C N, KIRKHAM, J S, *et al.*

NORTHOVER, J M A . *See* MELVILLE, D M, NORTHOVER, J M A, *et al.*

NORTHWOOD, I. *See* BEEKEN, W, NORTHWOOD, I, *et al.*

O'BRIAIN, D S. *See* NOLAN, N P M, KELLY, C P, *et al.*

O'BRIEN, C J, WISE, R J S, O'GRADY, J G, and WILLIAMS, R: Neurological sequelae in patients recovered from fulminant hepatic failure (*Case reports*), **93**

O'BRIEN, J D, THOMPSON, D G, BURNHAM, W R, HOLLY, J, and WALKER, E: Action of centrally mediated autonomic stimulation on human upper gastrointestinal transit: a comparative study of two stimuli, **960**

OBTUŁOWICZ, W. *See* KONTUREK, S J, BILSKI, J, *et al.*

——. *See* KONTUREK, S J, KWIECIEŃ, N, *et al.*

O'CONNOR, R. *See* NOLAN, N P M, KELLY, C P, *et al.*

ODES, H S, FRASER, D, and KRAWIEC, J: Ulcerative colitis in the Jewish population of Southern Israel 1961–1985: epidemiological and clinical study, **1630**

O'DONOGHUE, D P. *See* AFDHAL, N H, LONG, A, *et al.*

Oesophageal sphincter, lower, pressure in, effect of diaphragmatic contraction, **1564**

—— varices. *See* Varices, oesophageal

Oesophagitis, complicated, acid reflux patterns in, **1484**

——, importance of daytime gastro-oesophageal reflux in, **519**

——, reflux, ranitidine in treatment of, response predicted by physiological studies?, **946**

Oesophagus, achalasia-like disorder of, in von Recklinghausen's neurofibromatosis (*Case report*), **1522**

——, acidity, 24 hour, in achalasia before and after pneumatic dilatation, **883**

——, carcinoma of, palliation for (*Leading article*), **781**

——, manometric measurements, effectiveness for prediction of oesophageal motor function, **940**

——, motility, scintigraphic assessment of (*Letters*), **363**

——, motor responses to intraluminal distension in normal subjects and in oesophageal clearance disorders, **272**

——, pH monitoring (*Leading article*), **509**

——, ————, 24 hour, ambulatory, in diagnosis of gastro-oesophageal reflux disease, **1145**

——, pressure activity, non-propagating, spontaneous, relationship to acid gastro-oesophageal reflux in pathological and non-pathological refluxers, **1478**

——, strictures of, benign, and tooth loss, **61**; (*Letters*), **913**

——, ulcer, and colitis due to cytomegalovirus in AIDS, clinical manifestations and treatment with Foscarnet (*Case reports*), **482**

OETTLÉ, G J, and HEATON, K W: Is there a relationship between symptoms of the irritable bowel syndrome and objective measurements of large bowel function?: a longitudinal study, **146**

OGAWA, K. *See* KUDO, H, INADA, M, *et al.*

OGAWA, Y. *See* ONJI, M, KONDOH, H, *et al.*

O'GRADY, J G. *See* O'BRIEN, C J, WISE, R J S, *et al.*

OHSHIO, G. *See* KUDO, H, INADA, M, *et al.*

OHTA, Y. *See* ONJI, M, KONDOH, H, *et al.*

OKUDA, S. *See* TATSUTA, M, IISHI, H, *et al.*

OLBE, L. *See* LUNDELL, L, LINDSTEDT, G, *et al.*

OLEKSY, J. *See* KONTUREK, S J, BILSKI, J, *et al.*

——. *See* KONTUREK, S J, KWIECIEŃ, N, *et al.*

Olsalazine, effects in jejunum of rat, **346**

——, influence on gastrointestinal transit in ulcerative colitis, **1474**

OLSEN, B G. *See* SØRENSEN, V Z, OLSEN, B G, *et al.*

OLSEN, J A, LOUD, F B, and CHRISTIANSEN, J: Inhibition of meal stimulated gastric acid secretion by an octapeptide somatostatin analogue SMS 201-995, **464**

OLSEN, P S, PEDERSEN, J H, POULSEN, S S, YAMASHITA, Y, and KIRKEGAARD, P: Neurotensin-like immunoreactivity after intestinal resection in the rat, **1107**

ONJI, M, KONDOH, H, HORIIKE, N, YAMAGUCHI, S, OGAWA, Y, KUMON, I, and OHTA, Y: Effect of recombinant interleukin 2 on hepatitis B e antigen positive chronic hepatitis, **1648**

ÖST, Å. *See* LÖFBERG, R, TRIBUKAIT, B, *et al.*

Osteoporosis in inflammatory bowel disease, **410**

OTAMIRI, T, FRANZÉN, L, LINDMARK, D, and TAGESSON, C: Increased phospholipase A_2 and decreased lysophospholipase activity in the small intestinal mucosa after ischaemia and revascularisation, **1445**

OWEN, R W. *See* GALLOWAY, D J, JARRETT, F, *et al.*

Oxygen species, reactive, generation of, effect of sulphasalazine and metabolites, **190**; (*Letters*), **912, 913**

Oxytetracycline, effect on intestinal oestrogen metabolism and plasma sex hormones in healthy men, **439**

PAANANEN, A. *See* PUOLAKKAINEN, P, VALTONEN, V, *et al.*

PABA test with p-aminosalicylic acid, improved specificity of, **468**

PALLONE, F, FAIS, S, SQUARCIA, O, BIANCONE, L, POZZILLI, P, and BOIRIVANT, M: Activation of peripheral blood and intestinal lamina propria lymphocytes in Crohn's disease: *in vivo* state of activation and *in vitro* response to stimulation as defined by the expression of early activation antigens, **745**

PALMER, K R. *See* PATIL, D H, WESTABY, D, *et al.*
PALMER, R H. *See* KARLSTADT, R G, FRANK, W O, *et al.*
Pancreatic enzyme discharge, *in vitro* stimulation by calcium, **1215**
——enzymes, serum concentrations, raised, in cigarette smokers, **330**
——insufficiency, *in vitro* effect of duodenal juice on R binders cobalamin complexes in, correlation with cobalamin absorption, **70**
——islets, human, pepsinogen C demonstration in, **1208**
——polypeptide and gastric acid responses to modified sham feeding, effects of truncal and parietal cell vagotomy, **280**
Pancreatitis, acute, carcinoid tumour of ampulla of Vater presenting as (*Case report*), **1296**
——, ——, emphysematous gastritis after (*Case report*), **900**
——, ——, experimental, in rats, severity altered by antecedent long term ethanol consumption combined with different diets, **64**
——, ——, severity of, assessment from C-reactive protein and serum phospholipase A_2, **764**
——, chronic, biliary lipid metabolism in, influence of steatorrhoea, **1495**
——, periampullary cyst as surgically remediable cause of (*Case reports*), **358**
PARENTE, F. *See* BIANCHI PORRO, G, PARENTE, F, *et al.*
Parenteral nutrition, effective intravenous cyclosporin therapy in patient with severe Crohn's disease on (*Case report*), **1166**
PARR, N J, GRIME, J S, BAXTER, J N, CRITCHLEY, M, and MACKIE, C R: Small bowel resistances and the gastroduodenal brake, **950**
PARRILLI, G, CUOMO, R, NARDONE, G, MAIO, G, IZZO, C M, and BUDILLON, G: Investigation of intestine function during acute viral hepatitis using combined sugar oral loads, **1439**
PARROTT, D M V. *See* BACA, M E, MOWAT, A MCI, *et al.*
PARSONS, D S. *See* MOHSEN, A Q M, MULVEY, D, *et al.*
PATERSON, Y J. *See* KAGNOFF, M F, PATERSON, Y J, *et al.*
PATIL, D H, WESTABY, D, MAHIDA, Y R, PALMER, K R, REES, R, CLARK, M L, DAWSON, A M, and SILK, D B A: Comparative modes of action of lactitol and lactulose in the treatment of hepatic encephalopathy, **255**
PAUMGARTNER, G. *See* SCHINDLBECK, N E, HEINRICH, C, *et al.*
——. *See* STELLAARD, F, SAUERBRUCH, T, *et al.*
PEDERSEN, C. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*
PEDERSEN, J H. *See* OLSEN, P S, PEDERSEN, J H, *et al.*
PEÑA, A S. *See* BIEMOND, I, LANGE, G G DE, *et al.*
PENSTON, J, and WORMSLEY, K G: Achlorhydria: hypergastrinaemia: carcinoids – a flawed hypothesis? (*Progress report*), **488**; (*Letters*), **1191, 1319**
Pepsinogen C, demonstration in human pancreatic islets, **1208**
Peptic ulcer and non-steroidal anti-inflammatory drugs (*Letters*), **111**
————, cholelithiasis, and dyspepsia of unknown cause, clinical presentation of 221 patients and discriminant value of dyspeptic symptoms, **40**
————, decline in, dietary essential fatty acids as factor in (*Letters*), **914, 915**
————, gastric surgery for, cancer after (*Leading article*), **921**
————, ——————, increased risk of cancer at multiple sites after, **924**
————, ginger and carbon dioxide as thromboxane synthetase inhibitors for (*Letter*), **1323**
————, life threatening complications of, and non-steroidal anti-inflammatory drugs, **527**
————treatment in patients with rheumatic disease, influence of non-steroidal anti-inflammatory drugs (*Clinical trial*), **226**
Peptide YY, effect on mouth-to-caecum transit time, **166**
Periampullary cyst as surgically remediable cause of pancreatitis (*Case reports*), **358**
PETERS, T J. *See* BJARNASON, I, and PETERS, T J
——. *See* BJARNASON, I, WILLIAMS, P, *et al.*
PETRAS, R E. *See* SARRE, R G, FROST, A G, *et al.*
PETRILLO, M. *See* BIANCHI PORRO, G, and PETRILLO, M
Phagocytes in cell suspensions of colon mucosa, **976**
PHILLIPS, G W L. *See* GUPTA, S, BARTER, S, *et al.*
PHILLIPS, S: The gut is a membrane, is a vesicle, is a gut! (*Leading article*), **650**
PHILLIPS, S F. *See* STONNINGTON, C M, PHILLIPS, S F, *et al.*
Phospholipase A_2 activity, increased, and decreased lysophospholipase activity in small intestinal mucosa after ischaemia and revascularisation, **1445**
————and lysophosphatidylcholine metabolising enzyme activities, development in neonatal rat intestine, **822**
————in serum and C-reactive protein in assessment of severity of acute pancreatitis, **764**
Phospholipids, increased arachidonic acid composition in colonic mucosa in active ulcerative colitis, **1002**
Phosphonoformate. *See* Foscarnet
PIASTUCKI, I. *See* KONTUREK, S J, RADECKI, T, *et al.*
PICCOLI, A. *See* BATTAGLIA, G, DI MARIO, F, *et al.*
PINCHING, A J. *See* WEBER, J N, THOM, S, *et al.*
PIPER, D W. *See* NASIRY, R W, MCINTOSH, J H, *et al.*
——. *See* TALLEY, N J, MCNEIL, D, *et al.*
Pirenzepine, healing effect in erosive gastritis, trial of, and relationship of disease to acid secreting area and intestinal metaplasia, **561**; (*Letters*), **1321, 1322**
——inferior in potency to telenzepine, dose response and comparative secretory study in man, **888**
Plasma platelet factor 4 concentrations, raised, in Crohn's disease, **336**
——sex hormones and intestinal oestrogen metabolism in healthy men, effect of oxytetracycline, **439**
Plasminogen activators in experimental colorectal neoplasia, role in adenoma-carcinoma sequence?, **816**
Platelet factor 4, plasma concentrations, raised, in Crohn's disease, **336**
Polymer coating, effect on faecal recovery of ingested 5-amino salicylic acid in ulcerative colitis, **1084**
Polyposis, adenomatous, familial, biliary tract pathology in, assessment of (*Letters*), **1320**
——, ——, ——, gastric and duodenal polyps in, nature and prevalence, **306**
Polyps, colonic, primary, and polyps synchronous with colorectal cancer, immunohistochemical Ca 19-9 in, **594**; (*Reprint*), **1049**
POMARE, E W. *See* CUMMINGS, J H, POMARE, E W, *et al.*
POON, G P. *See* LAU, W Y, FAN, S T, *et al.*
POPIELA, T. *See* KONTUREK, S J, KWIECIEŃ, N, *et al.*
——. *See* KONTUREK, S J, POPIELA, T, *et al.*
Porphyrin metabolism and haem biosynthesis in Gilbert's syndrome, **125**
————in Gilbert's, Dubin-Johnson, and Rotor's syndromes (*Letters*), **1548, 1549**
Portal fibrosis, non-cirrhotic, and cirrhosis of liver, measurement and correlation of wedged hepatic, intrahepatic, intrasplenic and intravariceal pressures in, **260**
——hypertension, gastric mucosa in (*Letter*), **1324**
————in biliary disease, development of, role of liver atrophy, hepatic resection and hepatocyte hyperplasia in, **1022**
——pressure, shunting and blood flow, changes during development of cirrhosis in response to beta-blockade, **663**
——systemic encephalopathy, chronic, update 1987 (*Progress report*), **1043**
——venous obstruction, extrahepatic (*Leading article*, **1193**
——————, ——, spontaneous (natural) splenoadrenorenal shunts in, 20 cases of, **1198**
PORTMANN, B. *See* FORBES, A, PORTMANN, B, *et al.*
POULSEN, S S. *See* OLSEN, P S, PEDERSEN, J H, *et al.*
——. *See* SZECSI, P B, HALGREEN, H, *et al.*
POZZILLI, P. *See* PALLONE, F, FAIS, S, *et al.*
Prednisolone enemas in treatment of ulcerative colitis, comparison with sodium cromoglycate enemas (*Clinical trial*), **88**; (*Letter*), **1323**
——, oral, *in vivo* effects on prostaglandin and leucotriene production in ulcerative colitis, **1095**

PRIDDLE, J D. *See* BARR, G D, HUDSON, M J, *et al.*

——. *See* GUAN, R, RAWCLIFFE, P M, *et al.*

——. *See* MOHSEN, A Q M, MULVEY, D, *et al.*

PRIOR, A, HARRIS, S R, and WHORWELL, P J: Reduction of colonic motility by intravenous nicardipine in irritable bowel syndrome, **1609**

——, and WHORWELL, P J: Double blind study of ispaghula in irritable bowel syndrome (*Clinical trial*), **1510**

——. *See also* WHORWELL, P J, PRIOR, A, *et al.*

Proctalgia fugax, oral clonidine for (*Case report*), **1039**

Propionate absorption and metabolism in rabbit hindgut, **1077**

Prostaglandin and leucotriene production in ulcerative colitis, *in vivo* effects of oral prednisolone, **1095**

—— dependent mechanism for De-Nol stimulation of gastric and duodenal alkaline secretion, **1557**

—— E_2 and bicarbonate output by normal human stomach, effect of luminal pH, **1291**

—— —— participation in purinergic neurotransmission of gut, **1605**

Prostaglandins and NSAIDs, effect on permeability of human small intestine, statistical assessment (*Letters*), **777**

——, endogenous, role in gastrocytoprotection by colloidal bismuth subcitrate (De-Nol) and sucralfate, **201**; (*Letter*), **1322**

——, renal, and haemodynamics, relation to renal function in fulminant hepatic failure, **1643**

Protein losing enteropathy due to intestinal schistosomiasis (*Case report*), **616**

PRUDHAM, D. *See* BARDHAN, K D, THOMPSON, M, *et al.*

PRYCE, D. *See* CHAMBERS, J B, PRYCE, D, *et al.*

PRYDE, A. *See* DE CAESTECKER, J S, BLACKWELL, J N, *et al.*

——. *See* KING, P M, PRYDE, A, *et al.*

Pseudomelanosis, duodenal, clinical and ultrastructural studies in (*Case reports*), **1673**

Pseudomembranous colitis, epidemic of, importance of person to person spread in, **1467**

Pseudopolycythaemia and coeliac disease (*Case reports*), **1041**

Psychiatric illness and life events, relation to irritable bowel syndrome, **160**

—— —— in inflammatory bowel disease, **1600**

Psychological factors in irritable bowel syndrome (*Progress report*), **1307**

Psychosocial sequelae of stoma surgery for inflammatory bowel disease in childhood, **1257**

Pteroyltriglutamate deconjugation to folic acid, enterocyte function in progressive systemic sclerosis as estimated by, **435**

PUOLAKKAINEN, P, VALTONEN, V, PAANANEN, A, and SCHRÖDER, T: C-reactive protein and serum phospholipase A_2 in the assessment of the severity of acute pancreatitis, **764**

Purinergic neurotransmission of gut, prostaglandin E_2 participation in, **1605**

QAMAR, M I, and READ, A E: Effects of exercise on mesenteric blood flow in man, **583**

QUIRKE, P. *See* FOZARD, J B J, QUIRKE, P, *et al.*

RADECKI, T. *See* KONTUREK, S J, RADECKI, T, *et al.*

RADHA, V. *See* DAS, U N, REDDY, D N, *et al.*

RAINFORD, D J. *See* BLOODWORTH, L L, STEVENS, P E, *et al.*

RAITI, C. *See* CORINALDESI, R, STANGHELLINI, V, *et al.*

RALPHS, D N L. *See* SPILLER, R C, LEE, Y C, *et al.*

RALSTON, M. *See* BIGGS, B A, CROWE, S M, *et al.*

RAMAGE, J K. *See* DEAKIN, M, GLENNY, H P, *et al.*

RÄMÖ, O J: Antecedent long term ethanol consumption in combination with different diets alters the severity of experimental acute pancreatitis in rats, **64**

RAMSDEN, C W. *See* MONSON, J R T, RAMSDEN, C W, *et al.*

Ranitidine and cimetidine, dose related *in vitro* effects on basal and ACTH-stimulated steroidogenesis (*Letters*), **1688, 1690**

——, bedtime, effect on overnight gastric acid output and intragastric pH, dose/response study and comparison with cimetidine, **294**

—— in treatment of reflux oesophagitis, response predicted by physiological studies?, **946**

—— 150 mg at night in prevention of gastric ulcer relapse, **460**

——, 1 year's treatment with, and truncal vagotomy, effects on gastric contents, **726**

——, single dose treatment, bedtime administration too late?, **451**

RAO, P N. *See* DAS, U N, REDDY, D N, *et al.*

RAO, S S C, READ, N W, and HOLDSWORTH, C D: Influence of olsalazine on gastrointestinal transit in ulcerative colitis, **1474**

——, ——, ——: Is the diarrhoea in ulcerative colitis related to impaired colonic salvage of carbohydrate?, **1090**

RASK-MADSEN, J. *See* LAURITSEN, K, LAURSEN, L S, *et al.*

RASMUSSEN, S N. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*

RAWCLIFFE, P M. *See* GUAN, R, RAWCLIFFE, P M, *et al.*

RAWLINGS, J M. *See* MCLAUCHLAN, G, RAWLINGS, J M, *et al.*

R-binder. *See* Vitamin B_{12} R-binder

REA, E. *See* CORINALDESI, R, STANGHELLINI, V, *et al.*

READ, A E. *See* QAMAR, M I, and READ, A E

READ, N W: Functional gastroenterological disorders: the name's the thing . . . (*Leading article*), **1**

——. *See also* BANNISTER, J J, ABOUZEKRY, L, *et al.*

——. *See also* BANNISTER, J J, DAVISON, P, *et al.*

——. *See also* BANNISTER, J J, GIBBONS, C, *et al.*

——. *See also* BROWN, N J, RUMSEY, R D E, *et al.*

——. *See also* EDWARDS, C A, HOLDEN, S, *et al.*

——. *See also* HOUGHTON, L A, HICKSON, F, *et al.*

——. *See also* RAO, S S C, READ, N W, *et al.*

RECORD, C O. *See* AL MARDINI, H, LINDSAY, D C, *et al.*

Rectal distension, modulation of upper gastrointestinal motility by, **864**

—— ulcer, solitary, pressure and prolapse as cause of, **1228**

Rectum, mucosa of, in men with and without HIV infection, immunological study of, **1619**

——, spirochaetosis of, associated with intraepithelial mast cell and IgE plasma cell response, 2 cases of, **588**

REDDY, D N. *See* DAS, U N, REDDY, D N, *et al.*

REES, H C. *See* THOMPSON, J N, SALEM, R R, *et al.*

REES, R. *See* PATIL, D H, WESTABY, D, *et al.*

REES, W D W: Mucus bicarbonate barrier – shield or sieve (*Leading article*), **1553**

——. *See also* CRAMPTON, J R, GIBBONS, L C, *et al.*

——. *See also* MASTROPAOLO, G, and REES, W D W

REES, Y. *See* JENKINS, D, RICHARDS, J E, *et al.*

Reflux, acid, patterns in complicated oesophagitis, **1484**

——, gastro-oesophageal, acid, relationship to spontaneous non-propagating pressure activity in oesophagus in pathological and non-pathological refluxers, **1478**

——, ——, and migrating motor complex, **929**

——, ——, daytime, importance in oesophagitis, **519**

——, ——, pathological, diagnosis of, ambulatory 24 hour intraoesophageal pH-monitoring in, **1145**

——, ——, transpyloric fluid movement and antroduodenal motility in patients with, **545**

—— oesophagitis, ranitidine in treatment of, response predicted by physiological studies?, **946**

—— of bile equal in healthy controls and gastric ulcer patients, **1577**

REICHARD, H. *See* LÖFBERG, R, TRIBUKAIT, B, *et al.*

REID, E M. *See* COMPSTON, J E, JUDD, D, *et al.*

REINERS, C. *See* FISCHBACH, W, BECKER, W, *et al.*

Renal function in fulminant hepatic failure, relation to haemodynamics and renal prostaglandins, **1643**

RENVALL, H. *See* BORCH, K, RENVALL, H, *et al.*

REPOND, F. *See* HEER, M, REPOND, F, *et al.*

Respiratory tract, Crohn's disease involving (*Case reports*), **1669**

REY, M-A. *See* ROULOT, D, VALLA, D, *et al.*

REYNOLDS, J. *See* LAMONT, G, EVANS, D, *et al.*

Rhamnose/lactulose permeability, abnormal, in active Crohn's disease of small bowel, improvement by elemental diet, **1073**

Rheumatic disease, peptic ulcer treatment in patients with, influence of non-steroidal anti-inflammatory drugs (*Clinical trial*), **226**

RHODES, J. *See* COMPSTON, J E, JUDD, D, *et al.*
——. *See* MYERS, B, EVANS, D N W, *et al.*
RICHARDS, D. *See* MYERS, B, EVANS, D N W, *et al.*
RICHARDS, H K. *See* FLOWERDEW, A D S, RICHARDS, H K, *et al.*
RICHARDS, J E. *See* JENKINS, D, RICHARDS, J E, *et al.*
RICHARDSON, C T, and FELDMAN, M: Transdermal scopolamine and gastric acid secretion (*Letter*), **1687**
RICHARDSON, R. *See* BROWN, A M, BRADSHAW, M J, *et al.*
RICHENS, A. *See* MYERS, B, EVANS, D N W, *et al.*
RIECKEN, E O. *See* ZEITZ, M, HOPF, U, *et al.*
RILEY, S A, LECARPENTIER, J, MANI, V, GOODMAN, M J, MANDAL, B K, and TURNBERG, L A: Sulphasalazine induced seminal abnormalities in ulcerative colitis: results of mesalazine substitution, **1008**
RING-LARSEN, H. *See* HENRIKSEN, J H, RING-LARSEN, H, *et al.*
RITTER, C VON. *See* BAUERFEIND, P, CILLUFFO, T, *et al.*
ROBB, T A. *See* DAVIDSON, G P, and ROBB, T A
ROBERTSON, D A F, ALDERSLEY, M A, SHEPHERD, H, LLOYD, R S, and SMITH, C L: H_2 antagonists in the treatment of reflux oesophagitis: can physiological studies predict the response?, **946**
——, ——, ——, and SMITH, C L: Patterns of acid reflux in complicated oesophagitis, **1484**
ROBINSON, P. *See* HOSKING, S W, ROBINSON, P, *et al.*
ROCHESTER, D F. *See* MITTAL, R K, ROCHESTER, D F, *et al.*
ROE, R, FERMOR, B, and WILLIAMSON, R C N: Proliferative instability and experimental carcinogenesis at colonic anastomoses, **808**
ROELS, H. *See* CUVELIER, C, BARBATIS, C, *et al.*
ROGERS, K. *See* FINCH, P J, RYAN, F P, *et al.*
RÖHMEL, J. *See* MERKI, H, WITZEL, L, *et al.*
ROS, E, and ZAMBON, D: Postcholecystectomy symptoms: a prospective study of gall stone patients before and two years after surgery, **1500**
Rotor's, Gilbert's and Dubin-Johnson syndromes, porphyrin metabolism in (*Letters*), **1548, 1549**
ROULOT, D, VALLA, D, BRUN-VEZINET, F, REY, M-A, CLAVEL, F, DEGOTT, C, GUILLAN, J, VERDURON, J, RUEFF, B, and BENHAMOU, J-P: Cholangitis in the acquired immunodeficiency syndrome: report of two cases and review of the literature (*Case reports and review*), **1653**
ROWE, P H, TAYLOR, P R, and MASON, R C: Gastric cytoprotection by colloidal bismuth subcitrate (De-Nol) and sucralfate: role of endogenous prostaglandins (*Letter*), **1322**
RUBEN, A T. *See* VAN BERGE HENEGOUWEN, G P, VAN DER WERF, S D J, *et al.*
RUEFF, B. *See* ROULOT, D, VALLA, D, *et al.*
RUMSEY, R D E. *See* BROWN, N J, RUMSEY, R D E, *et al.*
Runner, long distance, female, bloody diarrhoea due to acute ischaemic colitis in (*Case report*), **896**
RUSSELL, C O H, and WHELAN, G: Oesophageal manometry: how well does it predict oesophageal function, **940**
RYAN, F P. *See* FINCH, P J, RYAN, F P, *et al.*

SACHDEV, G K. *See* SARIN, S K, NANDA, R, *et al.*
——. *See* SARIN, S K, SACHDEV, G K, *et al.*
SAGRADA, A, FARGEAS, M J, and BUENO, L: Involvement of alpha-1 and alpha-2 adrenoceptors in the postlaparotomy intestinal motor disturbances in the rat, **955**
SAKAMOTO, K, HAGA, Y, YOSHIMURA, R, EGAMI, H, YOKOYAMA, Y, and AKAGI, M: Comparative effectiveness of the tumour diagnostics, CA 19-9, CA 125 and carcinoembryonic antigen in patients with diseases of the digestive system, **323**
SALEM, R R. *See* THOMPSON, J N, SALEM, R R, *et al.*
SALGEMINI, R. *See* CORINALDESI, R, STANGHELLINI, V, *et al.*
Salicylate, exacerbation of ulcerative colitis induced by (*Case reports*), **613**
SANDERSON, I R, BOULTON, P, MENZIES, I, and WALKER-SMITH, J A: Improvement of abnormal lactulose/rhamnose permeability in active Crohn's disease of the small bowel by an elemental diet, **1073**
SANDLE, G I, and MCGLONE, F: Acute effects of dexamethasone on cation transport in colonic epithelium, **701**
Sarcoma, hepatic, in adults, 25 cases reviewed, **668**
——, Kaposi's, AIDS-related, presenting as ulcerative colitis and complicated by toxic megacolon (*Case report*), **1302**
SARIN, S K, NANDA, R, SACHDEV, G K, CHARI, S, ANAND, B S, and BROOR, S L: Intravariceal versus paravariceal sclerotherapy: a prospective, controlled, randomised trial, **657**
——, SACHDEV, G K, and ANAND, B S: Endoscopic sclerotherapy using absolute alcohol (*Letter*), **777**
——, SETHI, K K, and NANDA, R: Measurement and correlation of wedged hepatic, intrahepatic, intrasplenic and intravariceal pressures in patients with cirrhosis of liver and non-cirrhotic portal fibrosis, **260**
——. *See also* KUMAR, A, KUMAR, N, *et al.*
SARNA, S K. *See* KARAUS, M, SARNA, S K, *et al.*
SARRE, R G, FROST, A G, JAGELMAN, D G, PETRAS, R E, SIVAK, M V, and MCGANNON, E: Gastric and duodenal polyps in familial adenomatous polyposis: a prospective study of the nature and prevalence of upper gastrointestinal polyps, **306**; (*Letter*, by Jagelman), **1320**
SAUERBRUCH, T. *See* STELLAARD, F, SAUERBRUCH, T, *et al.*
SAUNDERS, J R. *See* BATT, R M, HART, C A, *et al.*
SAVAGE, A P, ADRIAN, T E, CAROLAN, G, CHATTERJEE, V K, and BLOOM, S R: Effects of peptide YY on mouth to caecum intestinal transit time and on the rate of gastric emptying in healthy volunteers, **166**
——, MATTHEWS, J L, GHATEI, M A, COOKE, T, and BLOOM, S R: Enteroglucagon and experimental intestinal carcinogenesis in the rat, **33**
SAVAGE, F. *See* GELISTER, J S K, LEWIN, M R, *et al.*
SAVILAHTI, E. *See* ARATO, A, SAVILAHTI, E, *et al.*
SAXENA, A. *See* VINAYAK, V K, SAXENA, A, *et al.*
SCHEURLE, E. *See* MERKI, H, WITZEL, L, *et al.*
SCHINDLBECK, N E, HEINRICH, C, STELLAARD, F, PAUMGARTNER, G, and MÜLLER-LISSNER, S A: Healthy controls have as much bile reflux as gastric ulcer patients, **1577**
Schistosomiasis, intestinal, protein losing enteropathy due to (*Case report*), **616**
SCHRÖDER, T. *See* PUOLAKKAINEN, P, VALTONEN, V, *et al.*
SCIARRETTA, G, FAGIOLI, G, FURNO, A, VICINI, G, CECCHETTI, L, GRIGOLO, B, VERRI, A, and MALAGUTI, P: 75Se HCAT test in the detection of bile acid malabsorption in functional diarrhoea and its correlation with small bowel transit, **970**
Scintigraphic assessment of oesophageal motility (*Letters*), **363**
Sclerosis, systemic, progressive, enterocyte function as estimated by deconjugation of pteroyltriglutamate to folic acid in, **435**
——, ——, ——, intestinal involvement detected by increased unconjugated serum bile acids in, **446**
Sclerotherapy, endoscopic, using absolute alcohol (*Letter*), **777**
——, variceal (*Leading article*), **645**
——, ——, intravariceal and paravariceal techniques of, comparative trial, **657**
Scopolamine, transdermal, and gastric acid secretion in duodenal ulcer (*Letters*), **1686, 1687**
^{75}SeHCAT test in detection of bile acid malabsorption in functional diarrhoea and correlation with small bowel transit, **970**
SELLERS, L A, ALLEN, A, and BENNETT, M K: Formation of a fibrin based gelatinous coat over repairing rat gastric epithelium after acute ethanol damage: interaction with adherent mucus, **835**
Seminal abnormalities in ulcerative colitis induced by sulphasalazine, effect of mesalazine substitution, **1008**
SENDA, S, FUJIYAMA, Y, and HOSODA, S: IgA protease-producing bacteria in patients with ulcerative colitis (*Letter*), **917**
Serotonin, effect on rat ileal transport, cisapride inhibition of, evidence for involvement of 5-HT_2 receptors in, **844**
Serum bile acids, unconjugated, increase in, intestinal involvement in progressive systemic sclerosis detected by, **446**
——CEA concentration, fall after cytotoxic chemotherapy for disseminated colorectal cancer, significance of, **1625**
——pancreatic enzyme concentrations, raised, in cigarette smokers, **330**

——phospholipase A_2 and C-reactive protein in assessment of severity of acute pancreatitis, **764**
SETHI, K K. *See* SARIN, S K, SETHI, K K, *et al.*
Sex hormones, plasma levels, and intestinal oestrogen metabolism in healthy men, effect of oxytetracycline, **439**
SHAKLAI, M. *See* KONIKOFF, F, MOR, C, *et al.*
SHALTOUT, A A. *See* KHUFFASH, F A, BARAKAT, M H, *et al.*
SHAPOWAL, S W. *See* KARLSTADT, R G, FRANK, W O, *et al.*
SHEPHERD, H. *See* ROBERTSON, D A F, ALDERSLEY, M A, *et al.*
SHEPHERD, N A, and JASS, J R: Neuromuscular and vascular hamartoma of the small intestine: is it Crohn's disease? (*Case reports*), **1663**
——. *See also* MELVILLE, D M, NORTHOVER, J M A, *et al.*
SHERLOCK, S: Chronic portal systemic encephalopathy: update 1987 (*Progress report*), **1043**
SHIELDS, R. *See* BAXTER, J N, GRIME, J S, *et al.*
SHIGEMATSU, A. *See* NISHIDA, T, MIWA, H, *et al.*
SHINOZUKA, K. *See* CHENG, J T, and SHINOZUKA, K
SHOKOUH-AMIRI, M H. *See* JENSEN, S L, HOLST, J J, *et al.*
SHU, S. *See* HSIEH, K H, SHU, S, *et al.*
SHURGOT, B. *See* ALLEN-MERSH, T G, KEMENY, N, *et al.*
SILK, D B A. *See* PATIL, D H, WESTABY, D, *et al.*
——. *See* SPILLER, R C, JONES, B J M, *et al.*
——. *See* SPILLER, R C, LEE, Y C, *et al.*
SIMI, M, LEARDI, S, TEBANO, M T, CASTELLI, M, COSTANTINI, F M, and SPERANZA, V: Raised plasma concentrations of platelet factor 4 in Crohn's disease, **336**
SIVAK, M V. *See* SARRE, R G, FROST, A G, *et al.*
SKIDMORE, C. *See* KRASNER, N, BARR, H, *et al.*
SLEVIN, B. *See* SMART, H L, FOSTER, P N, *et al.*
SŁOWIACZEK, M. *See* KONTUREK, S J, POPIELA, T, *et al.*
SMART, H L, FOSTER, P N, EVANS, D F, SLEVIN, B, and ATKINSON, M: Twenty four hour oesophageal acidity in achalasia before and after pneumatic dilatation, **883**
SMETHURST, P. *See* BJARNASON, I, WILLIAMS, P, *et al.*
SMITH, C L. *See* ROBERTSON, D A F, ALDERSLEY, M A, *et al.*
SMITH, M W. *See* CHAVES, M, SMITH, M W, *et al.*
SMITH, P L R. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*
SMITH, P M: Variceal sclerotherapy: further progress (*Leading article*), **645**
Smokers and non-smokers with and without duodenal ulcer, comparison of maximal gastric secretion in, **557**
——, cigarette, raised serum pancreatic enzyme concentrations in, **330**
Smoking, influence on effect of histamine H_2-receptor antagonists on intragastric acidity, trial of, **549**
SMS 201-995, inhibition of meal stimulated gastric acid secretion by, **464**
Sodium content, importance in jejunal water and electrolyte absorption from 2 enteral feeds, **681**
Sodium cromoglycate enemas in treatment of ulcerative colitis, comparison with prednisolone enemas (*Clinical trial*), **88**; (*Letter*), **1323**
SOFTLEY, A. *See* DE DOMBAL, F T, and SOFTLEY, A
SOLCIA, E. *See* BORDI, C, CREUTZFELDT, W, *et al.*
Somatostatin analogues. *See* SMS 201-995
——and gastrin, antral release in anaesthetised, atropinised duodenal ulcer patients and controls, effect of intragastric pH, **206**
SØRENSEN, V Z, OLSEN, B G, and BINDER, V: Life prospects and quality of life in patients with Crohn's disease, **382**
SPENCER, J. *See* THOMPSON, J N, SALEM, R R, *et al.*
SPERANZA, V. *See* SIMI, M, LEARDI, S, *et al.*
Sphincter, oesophageal, lower, pressure in, effect of diaphragmatic contraction, **1564**
Sphincterotomy, endoscopic, and surgical approaches in treatment of 'sump syndrome', **142**
SPILLER, R C, JONES, B J M, and SILK, D B A: Jejunal water and electrolyte absorption from two proprietary enteral feeds in man: importance of sodium content, **681**
——, LEE, Y C, EDGE, C, RALPHS, D N L, STEWART, J S, BLOOM, S R, and SILK, D B A: Delayed mouth-caecum transit of a lactulose labelled liquid test meal in patients with steatorrhoea caused by partially treated coeliac disease, **1275**
Spirochaetosis of rectum associated with intraepithelial mast cell and IgE plasma cell response, 2 cases of, **588**
Splenoadrenorenal shunts, spontaneous (natural), in extrahepatic portal venous obstruction, 20 cases of, **1198**
SQUARCIA, O. *See* PALLONE, F, FAIS, S, *et al.*
STALDER, G A. *See* MARBET, U A, STALDER, G A, *et al.*
STAMATAKIS, G. *See* MORRIS, D L, CHINNERY, J B, *et al.*
STAMFORD, I F. *See* BENNETT, A, CIVIER, A, *et al.*
STANGHELLINI, V, CAMILLERI, M, and MALAGELADA, J-R: Chronic idiopathic intestinal pseudo-obstruction: clinical and intestinal manometric findings, **5**
——. *See also* CORINALDESI, R, STANGHELLINI, V, *et al.*
Starch microspheres, degradable, for liver metastases in rat model, temporary blood flow stasis with, **1201**
STAUN, M: Distribution of the 10000 molecular weight calcium binding protein along the small and large intestine of man, **878**
STAVE, R. *See* VALNES, K, BRANDTZAEG, P, *et al.*
Steatorrhoea caused by partially treated coeliac disease, delayed mouth-to-caecum transit of lactulose labelled liquid test meal in patients with, **1275**
——, influence on biliary lipid metabolism in chronic pancreatitis, **1495**
——, mixed endocrine adrenal tumour causing (*Case report*), **1298**
STELLAARD, F, SAUERBRUCH, T, LUDERSCHMIDT, C, LEISNER, B, and PAUMGARTNER, G: Intestinal involvement in progressive systemic sclerosis detected by increased unconjugated serum bile acids, **446**
——. *See also* SCHINDLBECK, N E, HEINRICH, C, *et al.*
STEPHEN, A M, WIGGINS, H S, and CUMMINGS, J H: Effect of changing transit time on colonic microbial metabolism in man, **601**
STERN, S. *See* KONIKOFF, F, MOR, C, *et al.*
Steroidogenesis, basal and ACTH-stimulated, dose related *in vitro* effects of cimetidine and ranitidine (*Letters*), **1688, 1690**
STEVENS, P E. *See* BLOODWORTH, L L, STEVENS, P E, *et al.*
STEWART, J S. *See* SPILLER, R C, LEE, Y C, *et al.*
STEWART, M. *See* FOSTER, P N, STEWART, M, *et al.*
STOCKBRÜGGER, R W: Vagal control of gastric alkaline (*Letter*), **1687**
Stoma surgery for inflammatory bowel disease in childhood, psychosocial sequelae of, **1257**
Stomach, human, normal, bicarbonate and prostaglandin E_2 output, effect of luminal pH, **1291**
——. *See also* Gastric
Stomach-to-caecum transit. *See* Gastrointestinal transit
STONNINGTON, C M, PHILLIPS, S F, MELTON, L J, III, and ZINSMEISTER, A R: Chronic ulcerative colitis: incidence and prevalence in a community, **402**
——, ——, ZINSMEISTER, A R, and MELTON, L J, III: Prognosis of chronic ulcerative colitis in a community, **1261**
Stool size and consistency, effect on defecation, **1246**
Sucralfate and colloidal bismuth subcitrate (De-Nol), gastrocytoprotection by, and role of endogenous prostaglandins, **201**; (*Letter*), **1322**
Sugar oral loads, combined, investigation of intestinal function during acute viral hepatitis using, **1439**
SULLIVAN, S, and TROSTER, M: Eosinophilic colitis (*Letter*), **506**
Sulphasalazine and metabolites, effect on generation of reactive oxygen species, **190**; (*Letters*), **912, 913**
——, seminal abnormalities in ulcerative colitis induced by, effect of mesalazine substitution, **1008**
SULSER, H. *See* HEER, M, REPOND, F, *et al.*
'Sump syndrome', endoscopic sphincterotomy and surgical approaches in treatment of, **142**
SUNDLER, F. *See* BORDI, C, CREUTZFELDT, W, *et al.*
——. *See* THESLEFF, P, BENONI, C, *et al.*
SUTHERLAND, I H. *See* KANG, J Y, WU, A Y T, *et al.*
SVEHAG, S-E. *See* HUSBY, S, FOGED, N, *et al.*
SWAIN, C P. *See* BOWN, S G, HAWES, R, *et al.*
SWAIN, R: Oral clonidine for proctalgia fugax (*Case report*), **1039**

Sympathetic nervous activity, hepatic intestinal, enhanced, evidence of, in hepatic intestinal uptake and release of catecholamines in alcoholic cirrhosis, **1637**

SZECSI, P B, HALGREEN, H, POULSEN, S S, AXELSSON, C K, DAMKJÆR-NIELSEN, M, KJÆR, T, and FOLTMANN, B: Demonstration of pepsinogen C in human pancreatic islets, **1208**

TAGE-JENSEN, U. *See* MANNICHE, C, MALCHOW-MØLLER, A, *et al.*

TAGESSON, C, TELEMO, E, EKSTRÖM, G, and WESTRÖM, B: Development of phospholipase A_2 and lysophosphatidylcholine metabolising enzyme activities in the neonatal rat intestine, **822**

——. *See also* OTAMIRI, T, FRANZÉN, L, *et al.*

TAINIO, V-M. *See* ARATO, A, SAVILAHTI, E, *et al.*

TAIT, G W, and MCKINLAY, A W: Teeth and benign oesophageal stricture (*Letter*), **913**

TALLEY, N J, MCNEIL, D, and PIPER, D W: Discriminant value of dyspeptic symptoms: a study of the clinical presentation of 221 patients with dyspepsia of unknown cause, peptic ulceration, and cholelithiasis, **40**

TARNAWSKI, A S. *See* HOLLANDER, D, and TARNAWSKI, A S

TARP, U. *See* LARSEN, R, TARP, U, *et al.*

TATSUTA, M, IISHI, H, and OKUDA, S: Relationship of erosive gastritis to the acid secreting area and intestinal metaplasia, and the healing effect of pirenzepine, **561**; (*Letter*, by Tatsuta), **1322**

TAYLOR, I. *See* FLOWERDEW, A D S, RICHARDS, H K, *et al.*

——. *See* MCLAREN, M, BRAYE, S, *et al.*

TAYLOR, P R. *See* ROWE, P H, TAYLOR, P R, *et al.*

TEBANO, M T. *See* SIMI, M, LEARDI, S, *et al.*

Teeth, loss of, and benign oesophageal stricture, **61**; (*Letters*), **913**

TELEMO, E. *See* TAGESSON, C, TELEMO, E, *et al.*

Telenzepine superior in potency to pirenzepine, dose response and comparative secretory study in man, **888**

Tetracycline, single dose, in cholera (*Clinical trial*), **1029**

THEODOR, E. *See* KONIKOFF, F, MOR, C, *et al.*

THESLEFF, P, BENONI, C, MÅRTENSSON, H, NILSSON, Å, SUNDLER, F, and ÅKESSON, B: A mixed endocrine adrenal tumour causing steatorrhoea (*Case report*), **1298**

THOM, S. *See* WEBER, J N, THOM, S, *et al.*

THOMAS, J M, MISIEWICZ, J J, COOK, A R, HILL, M J, SMITH, P L R, WALTERS, C L, FORSTER, J K, MARTIN, L E, and WOODINGS, D F: Effects of one year's treatment with ranitidine and of truncal vagotomy on gastric contents, **726**

THOMPSON, D G. *See* KENDALL, G P N, THOMPSON, D G, *et al.*

——. *See* O'BRIEN, J D, THOMPSON, D G, *et al.*

THOMPSON, G G. *See* BIRNIE, G G, THOMPSON, G G, *et al.*

——. *See* MCCOLL, K E L, THOMPSON, G G, *et al.*

THOMPSON, I L. *See* BIGGS, B A, CROWE, S M, *et al.*

THOMPSON, J N, SALEM, R R, HEMINGWAY, A P, REES, H C, HODGSON, H J F, WOOD, C B, ALLISON, D J, and SPENCER, J: Specialist investigation of obscure gastrointestinal bleeding, **47**

THOMPSON, M. *See* BARDHAN, K D, THOMPSON, M, *et al.*

THOMPSON, M H. *See* BARDHAN, K D, THOMPSON, M, *et al.*

THOMPSON, R P H. *See* MAXTON, D G, AINLEY, C C, *et al.*

——. *See* MAXTON, D G, CYNK, E U, *et al.*

——. *See* MAXTON, D G, and THOMPSON, R P H

THOMSON, T J. *See* ALLAM, B F, TILLMAN, J E, *et al.*

——. *See* BARDHAN, K D, THOMPSON, M, *et al.*

THOR, P. *See* KONTUREK, S J, KWIECIEŃ, N, *et al.*

Thromboxane synthesis, selective inhibition by dazmegrel for gastric mucosal protection, **541**

Thromboxane synthetase inhibitors (ginger and carbon dioxide) for peptic ulceration (*Letter*), **1323**

TILLMAN, J E. *See* ALLAM, B F, TILLMAN, J E, *et al.*

TIMMER, E. *See* HOEK, F J, BERGH, F A J T M VAN DEN, *et al.*

TIMMS, J M. *See* BANNISTER, J J, DAVISON, P, *et al.*

TOBBIA, I. *See* AFDHAL, N H, LONG, A, *et al.*

TOBIN, M V. *See* CRAMPTON, J R, TOBIN, M V, *et al.*

Transpyloric fluid movement and antroduodenal motility in patients with gastro-oesophageal reflux, **545**

Trials, clinical, reporting of, need for confidence intervals in (*Letters*), **916**, **1549**

TRIBUKAIT, B. *See* LÖFBERG, R, TRIBUKAIT, B, *et al.*

TRIGER, D R: Extra hepatic portal venous obstruction (*Leading article*), **1193**

^{14}C-Triolein absorption test in diagnosis of fat malabsorption, **694**

—— breath test (*Letter*), **1320**

Tripotassium dicitrato bismuthate. *See* De-Nol

TROSTER, M. *See* SULLIVAN, S, and TROSTER, M

TRYPHONOS, M. *See* ARCHIMANDRITIS, A, TZIVRAS, M, *et al.*

Tumour, adrenal, endocrine, mixed, causing steatorrhoea (*Case report*), **1298**

——, carcinoid, of ampulla of Vater presenting as acute pancreatitis (*Case report*), **1296**

—— diagnostics in gastrointestinal diseases, comparative effectiveness of CA 19-9, CA 125 and CEA, **323**

Tumours, carcinoid, gastric, achlorhydria and hypergastrinaemia as causal sequence for, reassessment of (*Progress report*), **488**; (*Letters*), **1189**, **1191**, **1319**

TUNGEKAR, M F. *See* KHUFFASH, F A, BARAKAT, M H, *et al.*

TURNBERG, L A. *See* MORIARTY, K J, HIGGS, N B, *et al.*

——. *See* RILEY, S A, LECARPENTIER, J, *et al.*

TURNER, J M, LAWRENCE, S, FELLOWS, I W, JOHNSON, I, HILL, P G, and HOLMES, G K T: [^{14}C]-triolein absorption: a useful test in the diagnosis of malabsorption, **694**

TYRRELL, L D J. *See* DAN, M, TYRRELL, L D J, *et al.*

TYTGAT, G N J. *See* HOEK, F J, BERGH, F A J T M VAN DEN, *et al.*

TZIVRAS, M. *See* ARCHIMANDRITIS, A, TZIVRAS, M, *et al.*

Ulcer. *See under* Duodenum; Gastric; Oesophagus; Peptic

UNSWORTH, D J. *See* KAGNOFF, M F, PATERSON, Y J, *et al.*

UNWIN, R. *See* WEBER, J N, THOM, S, *et al.*

Urogastrone-EGF, intravenous (but not intragastric), trophic effect on intestine of parenterally fed rats, **573**

Vagal cholinergic control of gastric alkaline secretion in normal subjects and in duodenal ulcer, **739**; (*Letters*), **1687**

—— stimulation and gastric distension in ferrets, intragastric pressure responses to, effects of partial truncal vagotomy, **1569**

Vagotomy, relationship between gastric emptying of solid meal and gall bladder emptying before and after, **855**

——, truncal, and 1 year's ranitidine treatment effects on gastric contents, **726**

——, —— and parietal cell, effects on gastric acid and pancreatic polypeptide responses to modified sham feeding, **280**

——, ——, partial, effects on intragastric pressure responses to vagal stimulation and gastric distension in ferrets, **1569**

VALLA, D. *See* ROULOT, D, VALLA, D, *et al.*

VALNES, K, BRANDTZAEG, P, ELGJO, K, STAVE, R, BAKLIEN, K, and FAUSA, O: Local immunoglobulin production is different in gastritis associated with dermatitis herpetiformis and simple gastritis, **1589**

Valsalva's manoeuvre and hyoscinbutylbromide, effects on pressure gradient across wall of oesophageal varices, **1151**

VALTONEN, V. *See* PUOLAKKAINEN, P, VALTONEN, V, *et al.*

VAN BERGE HENEGOUWEN, G P, VAN DER WERF, S D J, and RUBEN, A T: Effect of long term lactulose ingestion on secondary bile salt metabolism in man: potential protective effect of lactulose in colonic carcinogenesis, **675**

VAN DER WERF, S D J. *See* VAN BERGE HENEGOUWEN, G P, VAN DER WERF, S D J, *et al.*

VAN DESSEL, M G. *See* MCINERNEY, P D, VAN DESSEL, M G, *et al.*

Variceal haemorrhage, comparison between trials invalidated by variation in time of entry of subjects?, **653**

—— sclerotherapy (*Leading article*), **645**

—— ——, intravariceal and paravariceal techniques of, comparative trial, **657**

Varices, oesophageal, pressure measurement in, new non-invasive method for, **1162**

——, ——, wall of, pressure gradient across, effect of Valsalva's manoeuvre and hyoscinbutylbromide, **1151**

Vascular and neuromuscular hamartoma of small intestine as form of Crohn's disease (*Case reports*), **1663**

Vater's ampulla. *See* Ampulla of Vater

VERDURON, J. *See* ROULOT, D, VALLA, D, *et al.*

VERKASALO, M. *See* ARATO, A, SAVILAHTI, E, *et al.*

VERNAY, M Y: Propionate absorption and metabolism in the rabbit hindgut, **1077**

VERRI, A. *See* SCIARRETTA, G, FAGIOLI, G, *et al.*

VEYS, E. *See* CUVELIER, C, BARBATIS, C, *et al.*

VIANELLO, F. *See* BATTAGLIA, G, DI MARIO, F, *et al.*

VICINI, G. *See* SCIARRETTA, G, FAGIOLI, G, *et al.*

VIJ, J C. *See* KUMAR, A, KUMAR, N, *et al.*

VINAYAK, V K, SAXENA, A, and MALIK, A K: Alterations of humoral, cell mediated and antibody dependent cell mediated cytotoxic responses during the course of amoebic infection in guinea pigs, **1251**

Visceral neuropathy, small intestinal motor responses to intraluminal distension in patient with, **714**

Vitamin B_{12} R-binder in human digestive tract, immunohistochemical localisation of, **339**

VODERHOLZER, U. *See* LONDONG, W, LONDONG, V, *et al.*

Von Recklinghausen's neurofibromatosis, achalasia-like disorder of oesophagus in (*Case report*), **1522**

WAGER, J. *See* MCNEIL, N I, LING, K L E, *et al.*

WAHREN, B. *See* BORCH, K, RENVALL, H, *et al.*

WAKATSUKI, Y. *See* KUDO, H, INADA, M, *et al.*

WALKER, E. *See* O'BRIEN, J D, THOMPSON, D G, *et al.*

WALKER-SMITH, J A. *See* SANDERSON, I R, BOULTON, P, *et al.*

WALLIN, L. *See* KRUSE-ANDERSEN, S, WALLIN, L, *et al.*

WALSH, T N. *See* NOLAN, N P M, KELLY, C P, *et al.*

WALT, R P, KEMP, R T, FILIPOWICZ, B, DAVIES, J G, BHASKAR, N K, and HAWKEY, C J: Gastric mucosal protection with selective inhibition of thromboxane synthesis, **541**

WALTERS, C L. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*

WALTERS, J. *See* BARDHAN, K D, THOMPSON, M, *et al.*

WARHURST, G. *See* MORIARTY, K J, HIGGS, N B, *et al.*

Water and electrolyte absorption, jejunal, from 2 enteral feeds, importance of sodium content in, **681**

WATKINSON, G. *See* BIRNIE, G G, THOMPSON, G G, *et al.*

WATSON, R G P, and LOVE, A H G: Intragastric bile acid concentrations are unrelated to symptoms of flatulent dyspepsia in patients with and without gallbladder disease and postcholecystectomy, **131**

WEBER, J N, THOM, S, BARRISON, I, UNWIN, R, FORSTER, S, JEFFRIES, D J, BOYLSTON, A, and PINCHING, A J: Cytomegalovirus colitis and oesophageal ulceration in the context of AIDS: clinical manifestations and preliminary report of treatment with Foscarnet (phosphonoformate) (*Case report*), **482**

WEE, A. *See* KANG, J Y, WU, A Y T, *et al.*

WEIR, D G. *See* BARDHAN, K D, THOMPSON, M, *et al.*

——. *See* NOLAN, N P M, KELLY, C P, *et al.*

WESTABY, D. *See* PATIL, D H, WESTABY, D, *et al.*

WESTRÖM, B. *See* TAGESSON, C, TELEMO, E, *et al.*

WETERMAN, I T. *See* BIEMOND, I, LANGE, G G DE, *et al.*

WHEELER, J G. *See* BROWN, A M, BRADSHAW, M J, *et al.*

WHELAN, G. *See* RUSSELL, C O H, and WHELAN, G

WHERRY, D C. *See* HARRISON, J, MORRIS, D L, *et al.*

WHITFIELD, P F, and HOBSLEY, M: Comparison of maximal gastric secretion in smokers and non-smokers with and without duodenal ulcer, **557**

WHORWELL, P J, PRIOR, A, and COLGAN, S M: Hypnotherapy in severe irritable bowel syndrome: further experience, **423**

——. *See also* PRIOR, A, HARRIS, S R, *et al.*

——. *See also* PRIOR, A, and WHORWELL, P J

WICKS, A C B. *See* JENKINS, D, RICHARDS, J E, *et al.*

WIENBECK, M. *See* KARAUS, M, SARNA, S K, *et al.*

WIGGINS, H S. *See* STEPHEN, A M, WIGGINS, H S, *et al.*

WILLIAMS, A: Effect of sulphasalazine and its metabolites on the generation of reactive oxygen species (*Letter*), **912**

WILLIAMS, A J K, and BARRY, R E: Free radical generation by neutrophils: a potential mechanism of cellular injury in acute alcoholic hepatitis, **1157**

WILLIAMS, G T. *See* MACSWEEN, R N M, and WILLIAMS, G T

WILLIAMS, J G. *See* DEAKIN, M, GLENNY, H P, *et al.*

WILLIAMS, N S. *See* WOMACK, N R, WILLIAMS, N S, *et al.*

WILLIAMS, P. *See* BJARNASON, I, WILLIAMS, P, *et al.*

WILLIAMS, R. *See* FORBES, A, PORTMANN, B, *et al.*

——. *See* GUARNER, F, HUGHES, R D, *et al.*

——. *See* O'BRIEN, C J, WISE, R J S, *et al.*

WILLIAMSON, R C N. *See* CHAVES, M, SMITH, M W, *et al.*

——. *See* ROE, R, FERMOR, B, *et al.*

WILSON, J G. *See* BAGSHAW, P F, MUNSTER, D J, *et al.*

WILSON, T J G. *See* GOODLAD, R A, WILSON, T J G, *et al.*

WINGATE, D L, and GILL, R C: GI disorders – the name's the thing (*Letter*), **776**

——. *See also* GILL, R C, KELLOW, J E, *et al.*

——. *See also* KELLOW, J E, GILL, R C, *et al.*

WISE, R J S. *See* O'BRIEN, C J, WISE, R J S, *et al.*

WITZEL, L. *See* MERKI, H, WITZEL, L, *et al.*

WOMACK, C. *See* HARRISON, J, MORRIS, D L, *et al.*

WOMACK, N R, WILLIAMS, N S, HOLMFIELD, J H M, and MORRISON, J F B: Pressure and prolapse – the cause of solitary rectal ulceration, **1228**

WONG, K K. *See* LAU, W Y, FAN, S T, *et al.*

WONG, K P. *See* LAU, W Y, FAN, S T, *et al.*

WONG, S H. *See* LAU, W Y, FAN, S T, *et al.*

WOOD, C B. *See* THOMPSON, J N, SALEM, R R, *et al.*

WOODFORD, M. *See* MORIARTY, K J, HIGGS, N B, *et al.*

WOODINGS, D F. *See* THOMAS, J M, MISIEWICZ, J J, *et al.*

WORMSLEY, K G. *See* PENSTON, J, and WORMSLEY, K G

WRIGHT, N A. *See* GOODLAD, R A, LENTON, W, *et al.*

——. *See* GOODLAD, R A, WILSON, T J G, *et al.*

WU, A Y T. *See* KANG, J Y, WU, A Y T, *et al.*

WUST, B. *See* ZEITZ, M, HOPF, U, *et al.*

WYKE, R J: Problems of bacterial infection in patients with liver disease (*Progress report*), **623**

YAMAGUCHI, S. *See* ONJI, M, KONDOH, H, *et al.*

YAMAMOTO, M. *See* NISHIDA, T, MIWA, H, *et al.*

YAMASHITA, Y. *See* OLSEN, P S, PEDERSEN, J H, *et al.*

YANG, C S. *See* HSIEH, K H, SHU, S, *et al.*

YIP, W C. *See* LAU, W Y, FAN, S T, *et al.*

YOKOYAMA, Y. *See* SAKAMOTO, K, HAGA, Y, *et al.*

YOSHIMURA, R. *See* SAKAMOTO, K, HAGA, Y, *et al.*

YOSHIOKA, A. *See* MIYACHI, Y, YOSHIOKA, A, *et al.*

YVART, J. *See* BELAICHE, J, ZITTOUN, J, *et al.*

ZAMBON, D. *See* ROS, E, and ZAMBON, D

ZEITZ, M, HOPF, U, WUST, B, GALANOS, C, MÖLLER, B, LAWLEY, T J, and RIECKEN, E O: Absence of complement fixing antibodies against lipopolysaccharides from *Escherichia coli* in a subgroup of patients with Crohn's disease, **1460**

ZENTLER-MUNRO, P L: Cystic fibrosis – a gastroenterological cornucopia (*Progress report*), **1531**

ZINSMEISTER, A R. *See* STONNINGTON, C M, PHILLIPS, S F, *et al.*

ZITTOUN, J. *See* BELAICHE, J, ZITTOUN, J, *et al.*

ZUCKERMAN, A J. *See* ANDERSON, M G, HARRISON, T J, *et al.*

Abstracts Index

Abdominal. *See* Intra-abdominal
Acetaldehyde adduct detection on hepatocyte membranes of rats fed ethanol, **A1393**
Acetate uptake in rat small intestine, not sodium dependent, **A1335**
Acid injury, mucosal repair of rabbit duodenum after, role of alkaline micro-environment in, **A1406**
ACMI tumour probe and Atkinson tube for palliation of malignant oesophageal strictures, comparison in 2 centres, **A1380**
ADAMS, D H, *et al.*: Cellular chemotaxis to bile after liver transplantation, **A1329**
Adenocarcinomas and adenomas, colonic, and normal colons, cell kinetic parameters in, immunohistochemical analysis, **A1368**
Adenylate cyclase, intestinal, different effects of VIP and PHI on, **A1393**
Adrenaline injection, endoscopic, for actively bleeding ulcers, controlled assessment, **A1402**
——, submucosal, effect on blood loss from standard bleeding ulcers, **A1402**
AFDHAL, N H, *et al.*: Controlled trial of clofazimine in Crohn's disease, **A1391**
——, *et al.*: Effect of high and low protein meals on portal haemodynamics in patients with cirrhosis and portal hypertension, **A1349**
Africa, tropical, *Campylobacter pyloridis* in, **A1409**
Age and sex dependence of enterochromaffin-like cell populations, **A1410**
AHMED, A, *et al.*: Eicosanoids in gastroduodenal mucosa of duodenal ulcer patients treated with colloidal bismuth subcitrate, **A1337**
——, *et al.*: Increased formation of leucotriene C_4 in *Campylobacter pyloridis*-associated gastritis, **A1405**
AIDS. *See* HIV infection
Air and carbon dioxide insufflation, evaluation of discomfort after colonoscopy with, **A1370**
Albendazole therapy of hydatid disease, longterm clinical and experimental results, **A1385**
Alcohol consumption, continued, effect on bleeding and mortality after variceal haemorrhage, **A1386**
—— misuse in patients with liver disease and controls, mitochondrial aspartate aminotransferase as marker for, **A1349**
——, pancreatitis induced by, social and surgical aspects of study, **A371**
ALDERSON, D, *et al.*: Isolation of purified human islets of Langerhans for transplantation, **A372**
ALDRIDGE, M C, *et al.*: Colonic complications of severe acute pancreatitis, **A371**
Alkali infusion test in diagnosis of reflux gastritis, value of, and comparison with ^{99}Tc-HIDA test, **A1408**
Alkaline micro-environment, role in mucosal repair of rabbit duodenum after acid injury, **A1406**
ALLEN, P I M, *et al.*: Laser doppler assessment of human gastric blood flow, **A1403**
Allergy. *See* Food pseudo allergy
ALLISON, M C, *et al.*: Colonic lymphocyte subpopulations in inflammatory bowel disease, **A1388**
Allopurinol, effect on experimental pancreatitis, **A368**
ALLUM, W H, *et al.*: C-myc oncogene product expression in benign and malignant gastric epithelia, **A1404**
AL-NAKIB, B, *et al.*: Experience with small bowel endoscopy in Kuwait, **A1369**
ALVEYN, C G, *et al.*: Mitochondrial aspartate aminotransferase as a marker for alcohol misuse in patients with liver disease and controls, **A1349**
Amino acids and peptides, orally administered, influence on protein turnover kinetics in short bowel syndrome, **A1397**
5-Aminosalicylic acid and sulphasalazine, delayed-release, in treatment of mild to moderate ulcerative colitis relapse, **A1329**
————, delayed-release, as maintenance treatment for ulcerative colitis, comparison with sulphasalazine, **A1390**
Ampulla of Vater, carcinoma of, histopathology and staging of, **A1400**
——————, ————, proneness to other malignant tumours in patients with, **A370**
Anal leukoplakia, **A1368**
—— manometry, comparison of microtransducer, water and air filled microballoon systems, **A1361**
—— sphincter, internal, function in neurogenic faecal incontinence, **A1364**
————, weak, rectal herniation through, rectal prolapse, anterior mucosal prolapse, solitary rectal ulcer caused by?, **A1363**
—— transitional zone, excision of, discrimination not impaired after restorative proctocolectomy and ileo-anal anastomosis by, **A1365**
ANDERSON, J R, and MORRAN, C G: Nd-YAG laser therapy in patients with gastric and duodenal malignancies – an initial experience, **A1374**
ANDRÉ, C, *et al.*: Concomitant presence of IgE plasma cells in duodenal and bronchial mucosae in asthmatic patients, **A1398**
——, *et al.*: Effect of ritiometan on food pseudo allergy, **A1352**
ANDREWS, H A, *et al.*: An audit of the management of Crohn's colitis, **A1391**
——, *et al.*: Segmental colectomy for Crohn's disease of the colon, **A1391**
Angelchik antireflux prosthesis, dysphagia for solids as longterm effect of, **A1378**
Angiodysplasia, colonic, gastrointestinal bleeding from other sources in, **A1355**
Anorectal disease, benign, endoluminal ultrasound in, **A1369**
—— function in normal controls and irritable bowel syndrome patients, effect of nicardipine, **A1364**
———— in ulcerative colitis, **A1392**
—— manometry, results influenced by position of patient?, **A1362**
—— physiology and videoproctography, outcome after rectopexy for solitary rectal ulcer syndrome predicted by?, **A1361**
—— sampling reflex, comparison of normal and incontinent subjects, **A1361**
—— sensation, role in continence mechanism, **A1361**
—— sepsis, fistulae in, relevance of microbiology and necessity of repeat examination under anaesthesia, **A1369**
Antibiotics used for *Campylobacter pyloridis*, gastric secretion of, **A1409**
Antibodies against milk and circulating immune complexes in inflammatory bowel disease, **A1387**
Antimitochondrial antibody seropositivity and primary biliary cirrhosis, epidemiology of, in W. Scotland, **A1346**
Antiprotease therapy, intraperitoneal, pharmacokinetic study of, **A367**
Antiproteinase chemotherapy, intraperitoneal, specific, in acute necrotising pancreatitis, experimental study, **A367**
Antral gastritis associated with duodenal ulcer, improvement by omeprazole, **A1340**
————————————, sucralfate *v* cimetidine for treatment of, **A1338**
Antropyloroduodenal motor activity after intraduodenal acid infusion, **A1407**
Antrum, 'acid', as possible cause of recurrent ulceration after highly selective vagotomy, histological study, **A1411**
ARMSTRONG, D, *et al.*: Is continuous ambulatory monitoring of duodenogastric reflux feasible?: *in vitro* assessment of an enzymatic amperometric bile acid electrode, **A1395**
Arthritis, rheumatoid, role of wheat protein and gut abnormalities in, **A1398**
Asbestos as possible cause of gastric cancer, **A1404**
Ascites, cirrhosis with, sympathetic activity increased in?, **A1394**
——, hyponatraemic, oral urea in treatment of, **A1386**
Asilone gel and Gaviscon liquid in treatment of reflux oesophagitis, comparison of, **A1376**
Aspartate aminotransferase, mitochondrial, as marker for alcohol misuse in patients with liver disease and controls, **A1349**
Aspirin and bleeding peptic ulcer, **A1401**
——, ulceration induced by, prevention of, comparative study of misoprostol and sucralfate in, **A1338**
——, what dose safe in gastric mucosal bleeding?, **A1401**

Asthma, duodenal and bronchial mucosa in, concomitant presence of IgE plasma cells in, **A1398**

Atkinson tube and ACMI tumour probe for palliation of malignant oesophageal strictures, comparison in 2 centres, **A1380**

Atrial natriuretic peptide, electrolyte transport in large intestine influenced by, **A1396**

Autoimmunity and HLA in chronic pancreatitis, **A371**

Bacterial. *See* Microbial

Bacteriuria and primary biliary cirrhosis, no specific association?, **A1346**

BALL, C S, *et al.*: Clinical applications of simultaneous 24 hour ambulatory gastric and oesophageal pH monitoring, **A1377**

BALLANTYNE, K C, *et al.*: Detection of asymptomatic inflammatory bowel disease while screening for colorectal cancer, **A1392**

Balloons and bougies, oesophageal stricture dilatation with, radial pressures during, **A1370**

BAMBA, T, *et al.*: Difluoromethyl-ornithine inhibits adaptive ileal mucosal hyperplasia after pancreaticobiliary diversion in the rat, **A1394**

BARBARA, L, *et al.*: Omeprazole 20 mg om and ranitidine 150 mg bd in the healing of benign gastric ulcers – an Italian multicentre study, **A1341**

BARDHAN K D, *et al.*: Value of omeprazole in the management of erosive oesophagitis refractory to high dose cimetidine, **A1375**

BARR, H, *et al.*: Laser therapy or intubation for palliation of malignant dysphagia, **A1358**

——, *et al.*: Photodynamic therapy for colorectal cancer, **A1368**

Barrett's oesophagus, malignancy in, risk factors for, **A1379**

————, malignant change in, early detection of, value of endoscopic surveillance in, **A1379**

BARRISON, I G, *et al.*: Diagnostic yield of upper gastrointestinal endoscopy in human immunodeficiency virus antibody positive patients, **A1369**

BARTON, R, *et al.*: Incidence, morbidity and mortality of Crohn's disease in Scottish children, **A1356**

BASSO, D, *et al.*: Serum markers and clinical data in diagnosing pancreatic cancer: a contrastive approach, **A370**

BATMAN, P A, *et al.*: Jejunal mucosal architecture in HIV infected male homosexuals, **A1399**

BATT, R M, *et al.*: Application of organ culture to the investigation of lectin-induced damage to the brush border membrane, **A1397**

BENJAMIN, I S, *et al.*: Cytological diagnosis of hepatobiliary and pancreatic malignancy, **A1401**

Benzodiazepines, stimulation of duodenal epithelial bicarbonate secretion, **A1333**

Beta-adrenoreceptors in modulation of upper gastrointestinal transit and carbohydrate absorption, **A1396**

Bicarbonate secretion, gastric, in man, increased by esaprazole, **A1337**

————, ——, *in vitro* and in man, effect of bismuth subcitrate, **A1342**

———— in duodenal epithelium, stimulation by benzodiazepines, **A1333**

Bile, cellular chemotaxis to, after liver transplantation, **A1329**

—— duct calculi extraction after endoscopic sphincterotomy, active policy for, **A1360**

————, common, calculi in, endoscopic prosthesis for, **A1371**

————, ——, ————, —— sphincterotomy for, in patients with gall bladder *in situ* unfit for surgery, **A1371**

————, ——, ————, large (>2 cm), associated with recurrent pyogenic cholangitis, endoscopic management of, **A1371**

————, ——, ————, methyl tert-butyl ether for, dissolution without radiological disappearance after, **A1385**

————, ——, ————, surgery and/or endoscopic sphincterotomy for, multivariate analysis of risk factors in, **A1383**

———— diameter after cholecystectomy, assessment by pre- and post-operative ERC, **A1384**

Biliary aetiology in acute pancreatitis, early diagnosis of, **A370**

—— cirrhosis, primary, and antimitochondrial antibody seropositivity, epidemiology of, in W. Scotland, **A1346**

————, ——, and bacteriuria, no specific association?, **A1346**

————, ——, and normal liver, sulphation and desulphation in, **A1345**

————, ——, IgG3 in, raised serum concentrations and increased synthesis by peripheral blood lymphocytes, **A1347**

————, ——, pre- and post-liver transplantation, circulating osteocalcin as index of bone turnover in, **A1345**

—— lipid and gall stone dissolution responses to combined chenodeoxycholic acid and ursodeoxycholic acid treatment, **A1360**

—— pain, acalculous, computer history analysis in, **A1383**

————, ——, sphincter of Oddi motility in, **A1384**

—— pancreatitis, acute, role of early ERCP and sphincterotomy in, **A1384**

BINNIE, N R, *et al.*: Action of cisapride on intractable constipation associated with spinal and pelvic nerve injury, **A1363**

——, *et al.*: Stimulation of anterior sacral nerve roots in man: the proximal extent and differential effects on colonic motility, **A1363**

BIRD, P, *et al.*: IgG3 in PBC: raised serum concentrations and increased synthesis by peripheral blood lymphocytes, **A1347**

BISHOP, A E, *et al.*: Endocrine tumours in ARG-vasopressin/simian virus 40 large T antigen transgenic mice: a model for human multiple endocrine neoplasia type I syndrome?, **A1393**

——, *et al.*: Enterochromaffin like cell populations are dependent on age and sex, **A1410**

Bismuth subcitrate, colloidal. *See* De-Nol

BISSET, W M, *et al.*: Ontogeny of small intestinal motor activity, **A1355**

BLAIR, S D, *et al.*: Early blood transfusion promotes recurrent gastrointestinal haemorrhage, **A1402**

Bleeding duodenal ulcer, isolated duodenal tamponade in treatment of, **A1373**

—— peptic ulcer and aspirin, **A1401**

——————, comparison of Nd YAG laser, heater probe and no endoscopic therapy for, **A1342**

——————, intragastric fibrinolysis in, **A1402**

—— time, useful test in cirrhosis?, **A1348**

—— ulcers, active, endoscopic adrenaline injection for, controlled assessment, **A1402**

————, standard, blood loss from, effect of submucosal adrenaline, **A1402**

Blood flow, cerebral, increased, in fulminant hepatic failure, management of, **A1330**

————, gastric, laser doppler assessment of, **A1403**

—— loss from standard bleeding ulcers, effect of submucosal adrenaline, **A1402**

——, portal and peripheral, short chain fatty acid concentrations after caecal lactulose installation at surgery, **A1355**

—— transfusion, early, recurrent gastrointestinal haemorrhage promoted by, **A1402**

BMY-25368-01, intravenous, and ranitidine, effect on meal stimulated gastric acid secretion in man, **A1339**

BOLTON, R P, *et al.*: Thyroid function as a prognostic indicator in cirrhosis, **A1386**

Bombesin and meal stimulation of pancreatic enzyme secretion, role of cholecystokinin in, studied with CR 1409, **A1381**

——, effect on serum trypsin after various forms of gastric surgery, **A1381**

Bone turnover in primary biliary cirrhosis pre- and post-liver transplantation, circulating osteocalcin as index of, **A1345**

BONNIERE, P, *et al.*: Prospective randomised trial of endoscopic sclerotherapy and transhepatic embolisation in patients with severe cirrhosis and acute variceal bleeding: preliminary results, **A1348**

BOOTH, I W, *et al.*: Characterisation of defective sodium coupled glucose transport in congenital glucose-galactose malabsorption using jejunal brush border membrane vesicles, **A1397**

BOUGHTON-SMITH, N K, and WHITTLE, B J R: Inhibition of ethanol induced leucotriene synthesis and damage in the rat gastric mucosa by BW755C, **A1334**

Bougies and balloons, oesophageal stricture dilatation with, radial pressures during, **A1370**

Bowel. *See* Intestine(s)

BOYD, E J S, *et al.*: What really happens during maintenance therapy of duodenal ulcer?, **A1341**

BRAVERMAN, D Z: Gall bladder contraction in patients with irritable bowel syndrome, **A1384**

Bread made from coarse flour digested more slowly and incompletely, **A1352**

Breath hydrogen, fasting, in coeliac disease, **A1353**

——— monitoring in Pneumatosis coli, **A1366**

—— tests, H_2- or ^{14}C-, in diagnosis of small intestinal bacterial overgrowth, **A1353**

British Society of Gastroenterology: Jubilee Meeting, **A1328**

British/Belgian Gallstone Study Group postdissolution trial, **A1359**

Bronchial mucosa and duodenal mucosa in asthma, concomitant presence of IgE plasma cells in, **A1398**

BROOK, M G, *et al.*: Histological improvement after antiviral treatment for chronic hepatitis B virus infection, **A1387**

BROWN, G A, *et al.*: Faecal chymotrypsin accurately predicts exocrine pancreatic function in infants and children, **A1400**

BROWN, N J, *et al.*: Effect of ileal infusion of fats, detergents and bile acids on stomach to caecum transit time in the rat, **A1355**

Brush border membrane, ileal, lectin-induced damage to, investigation with organ culture, **A1397**

———— vesicles, jejunal, characterisation of defective sodium coupled transport in congenital glucose-galactose malabsorption using, **A1396**

——————, osmotically active, preparation from biopsy samples of human small intestine, **A1333**

BURKE, D A, and AXON, A T R: Adhesion of colitic *E coli* to isolated human colonocytes, **A1328**

——, *et al.*: Faecal short chain fatty acids in ulcerative colitis and controls, **A1387**

——, *et al.*: Oral tobramycin improves the outcome of acute ulcerative colitis, **A1390**

BURKE, P E, *et al.*: Transthoracic colon interposition for benign oesophageal stricture, **A1378**

BURT, A D, *et al.*: Distribution of calcitonin gene related peptide and substance P-containing nerves in liver: an immunohistochemical study, **A1330**

BW755C inhibition of ethanol induced leucotriene synthesis and damage in rat gastric mucosa, **A1334**

CA-50 in differential diagnosis of benign and malignant diseases of the stomach and oesophagus, **A1405**

Caecum, lactulose installation at surgery, portal and peripheral blood short chain fatty acid concentrations after, **A1355**

CAIRNS, S R, and COTTON, P B: Potential for endoscopic therapy in primary sclerosing cholangitis, **A1342**

Calcitonin gene related peptide and substance P, nerves containing, distribution in liver, immunohistochemical study, **A1330**

Calculi, bile duct, extraction after endoscopic sphincterotomy, active policy for, **A1360**

—— in common bile duct, endoscopic prosthesis for, **A1371**

——————, —— sphincterotomy for, in patients with gall bladder *in situ* unfit for surgery, **A1371**

——————, large (>2 cm), associated with recurrent pyogenic cholangitis, endoscopic management of, **A1371**

——————, methyl tert-butyl ether for, dissolution without radiological disappearance after, **A1385**

——————, surgery and/or endoscopic sphincterotomy for, multivariate analysis of risk factors in, **A1383**

Campylobacter pyloridis, antibiotics used for, gastric secretion of, **A1409**

——— detection in gastric and duodenal biopsies, sensitivity and specificity of 4-hour rapid urease test to culture and histology for, **A1406**

———, effect of colloidal bismuth subcitrate in non-ulcer dyspepsia, **A1337**

———, —— of vagotomy, **A1410**

———, eradication of, and duodenal ulcer healing, efficacy of colloidal bismuth subcitrate in different dosage regimes in, **A1409**

———, gastric mucosa colonised with, *in vitro* mucus glycoprotein synthesis and secretion by, **A1409**

———, gastritis associated with, increased leucotriene C4 formation in, **A1405**

———, —— in children associated with, **A1357**

——— in tropical Africa, **A1409**

———, prospective study by bacteriology, histology, urease test and serology (ELISA and immunoblotting), **A1408**

Carbohydrate absorption and upper gastrointestinal transit, modulation by beta-adrenoreceptors, **A1396**

—— meals, hepatic venous pressure gradient increased by, in cirrhotics after bleeding from oesophageal varices, **A1348**

Carbon dioxide and air insufflation, evaluation of discomfort after colonoscopy with, **A1370**

Carcinoid syndrome, survival in, effect of hepatic artery embolisation, **A1329**

Carcinoma, colorectal, and desmosomes, **A1368**

——, ——, patients at risk of developing local recurrence predicted by intraoperative pelvic cytology, **A1368**

——, ——, photodynamic therapy for, **A1368**

——, ——, screening for, analysis of 132 tumours, **A1344**

——, gastric, adjuvant tamoxifen in treatment of, controlled study, **A1404**

——, —— and colorectal, gastrin in, *in vitro* and *in vivo* studies, **A1332**

——, ——, asbestos as possible cause of, **A1404**

——, ——, mucus glycoprotein biosynthesis changes at tumour site in, **A1332**

——, ——, risk of, and priority for endoscopy, determination from analysis of dyspeptic symptoms, **A1405**

——, oesophageal, intra-abdominal metastases for, detection of, laparoscopy, ultrasound or CT for?, **A1378**

——, ——, survival in, factors influencing, **A1358**

—— of ampulla of Vater, histopathology and staging of, **A1400**

——————, proneness to other malignant tumours in patients with, **A370**

——, pancreatic, diagnosis of, serum markers and clinical data in, **A370**

——, ——, enzyme linked lectin assay compared with RIA CA19-9 as serum test for, **A1401**

——, ——, glycoprotein marker for, new, carbohydrate sequencing of, **A1394**

——, ——, —— related to, new, identification in serum by electrophoresis and lectin blotting, **A372**

——, ——, interstitial hyperthermia for treatment of, experimental studies, **A1382**

——, ——, lectin histochemistry in, **A369**

CARR, N D, *et al.*: Evaluation of the nutritional effects and surgical risks during a two year study after gastroplasty for morbid obesity, **A1351**

CASE, W G: Effects of cisapride upon responses of the oesophagus to distension, **A1377**

Cerebral blood flow, increased, in fulminant hepatic failure, management of, **A1330**

CESAR, M, *et al.*: Prognostic criteria in acute pancreatitis: a critical evaluation, **A368**

CHADWICK, V S, *et al.*: Mucosal cell receptors and enteric nerves mediate the spasmogenic effects of bacterial N-formyl oligopeptides on guinea pig ileum, **A1336**

Chenodeoxycholic acid and ursodeoxycholic acid, combined treatment with, bile lipid and gall stone dissolution responses to, **A1360**

CHESLYN-CURTIS, S, *et al.*: Diagnosis of occult intra-abdominal sepsis with ^{111}Indium labelled leucocyte scanning – early versus late scanning, **A1403**

CHESNER, I M, *et al.*: Colonoscopic management of malignant polyps – an audit, **A1367**

——, *et al.*: A non-isotopic test for pancreatic insufficiency which distinguishes small bowel malabsorption, **A1382**

CHING, C K, and RHODES, J M: Carbohydrate sequencing of a new pancreatic cancer glycoprotein marker, **A1394**

——, ——: Identification of a new pancreatic cancer-related glycoprotein in serum by electrophoresis and lectin blotting, **A372**

——, ——: A novel enzyme linked lectin assay compared with RIA CA19-9 as a serum test for pancreatic cancer, **A1401**

——, *et al.*: Lectin histochemistry in pancreatic carcinoma, **A369**

CHISHOLM, E M, *et al.*: Analysis of dyspeptic symptoms to determine risk of gastric cancer and priority for endoscopy, **A1405**

Chloride and sodium transport mechanisms and effects of short chain fatty acids in human infant colon, **A1366**

Cholangiocarcinoma, inoperable, endoscopic management using Iridium-192, **A1400**

Cholangiography (Cholangiopancreatography), retrograde, endoscopic. *See* ERC (ERCP)

Cholangitis, acute, with acute pancreatitis, outcome in, **A369**

——, pyogenic, recurrent, large (>2 cm) common bile duct stones associated with, endoscopic management of, **A1371**

——, sclerosing, primary, endoscopic therapy in, potential for, **A1342**

——, ——, ——, natural history of, and HLA antigens as predictors of prognosis, **A1345**

——, ——, ——, portal tract lymphocyte populations in, **A1330**

——, suppurative, acute, urgent endoscopic drainage in, **A1384**

Cholecystectomy, bile duct diameter after, assessment by pre- and post-operative ERC, **A1384**

Cholecystokinin, plasma, secretion of, and gall bladder contraction, stimulation by coffee ingestion, **A1383**

——, role in stimulation of pancreatic enzyme secretion by bombesin and meal, studied with CR 1409, **A1381**

Choledocholitholysis *in vivo* using methyl tertiary butyl ether, **A1360**

CHUNG, S C S, *et al.*: Bile duct diameter after cholecystectomy: assessment by pre- and post-operative ERC, **A1384**

——, *et al.*: The effect of submucosal adrenaline on blood loss from standard bleeding ulcers, **A1402**

Chymotrypsin, faecal, in prediction of exocrine pancreatic function in infants and children, **A1400**

Cimetidine, high dose, erosive oesophagitis refractory to, value of omeprazole in management of, **A1375**

—— *v* sucralfate for treatment of duodenal ulcer associated antral gastritis, **A1338**

Cirrhosis and portal hypertension, portal haemodynamics in, effect of high and low protein meals, **A1349**

——, biliary. *See* Biliary cirrhosis

——, bleeding time useful test in?, **A1348**

——, hepatic venous pressure gradient increased by carbohydrate meals after bleeding from oesophageal varices in, **A1348**

——, reduced vascular tone in, caused by 'desensitisation' to sympathetic nervous activity?, **A1349**

——, severe, and acute variceal bleeding, endoscopic sclerotherapy and transhepatic embolisation in patients with, trial of, **A1348**

——, thyroid function as prognostic indicator in, **A1386**

—— with ascites, sympathetic activity increased in?, **A1394**

Cisapride, action on intractable constipation associated with spinal and pelvic nerve injury, **A1363**

—— and gastrooesophageal reflux in children with and without neurological disorders, **A1376**

——, effects on oesophageal responses to distension, **A1377**

—— improvement of oesophageal transit in patients with dysphagia, results of trial, **A1377**

CLARKE, G S, *et al.*: Cisapride and gastrooesophageal reflux in children with or without neurological disorders, **A1376**

Clofazimine in Crohn's disease, trial of, **A1391**

C-myc oncogene product expression in benign and malignant gastric epithelia, **A1404**

Coeliac disease and inflammatory bowel disease, lung permeability in, **A1336**

————, fasting breath hydrogen in, **A1353**

————, lactulose/mannitol as screening test for, **A1332**

————, microvillus membranes in, electrophoretic analysis of, **A1335**

————, non-responsive, small bowel enema appearance specific to, **A1352**

————, relatives of dermatitis herpetiformis patients with, immunofluorescent and genetic studies, **A1352**

————, sorbitol malabsorption in, **A1353**

—— sprue, rectal gluten challenge in, sequence of immunopathological events after, **A1392**

Coffee ingestion, stimulation of plasma cholecystokinin secretion and gall bladder contraction by, **A1383**

COGHLAN, J G, *et al.*: Efficacy of different dosage regimes in duodenal ulcer healing and eradication of *Campylobacter pylori*, **A1409**

Colectomy for severe idiopathic constipation, assessment of, **A1343**

——, segmental, for Crohn's disease of colon, **A1391**

Colic, genesis of, studies on, **A1372**

Colitis, severe, enteral nutrition in, **A1328**

——, ulcerative, acute, outcome improved by oral tobramycin, **A1390**

——, ——, anorectal function in, **A1392**

——, ——, *E coli* from patients with, adhesion to isolated human colonocytes, **A1328**

——, ——, faecal short chain fatty acids in, **A1387**

——, ——, inhibition of fatty acid oxidation as cause of, **A1387**

——, ——, maintenance treatment for, comparison of delayed-release 5-aminosalicylic acid and sulphasalazine as, **A1390**

——, ——, relapse in, mild to moderate, delayed-release 5-aminosalicylic acid and sulphasalazine in treatment of, **A1329**

——, ——, segmental colonic transit in, effect of Asian *v* Caucasian diet, **A1366**

Collagen quantification in chronic pancreatitis, **A372**

Colon, adenocarcinomas and adenomas of, and normal colons, cell kinetic parameters in, immunohistochemical analysis, **A1368**

—— and rectum, biopsies, histopathological assessment of, observer variation in, **A1389**

——, angiodysplasia, gastrointestinal bleeding from other sources in, **A1355**

——, cellular proliferation rates in normal subjects, effect of faecal stream, **A1366**

——, Crohn's disease of, management of, audit of, **A1391**

——, ————, segmental colectomy for, **A1391**

——, dynamic scanning for definition of regional defect in severe idiopathic constipation, **A1365**

——, human infant, sodium and chloride transport mechanisms and effects of short chain fatty acids in, **A1366**

—— interposition, transthoracic, for benign oesophageal stricture, **A1378**

——, lymphocyte subpopulations in inflammatory bowel disease, **A1388**

——, motility, proximal extent and differential effects of anterior sacral nerve root stimulation, **A1363**

——, mucosa of, amphibian, restitution *in vitro*, **A1395**

——, neoplasia of, suspected, open access colonoscopy as single investigation for, **A1371**

——, pH, effect of dietary fibre supplementation in healthy volunteers, **A1366**

——, rat, electrogenic ion transport, effects of starvation and refeeding, model for famine diarrhoea?, **A1395**

——, sodium and potassium transport, differential effects of pure mineralocorticoid and glucocorticoid hormones, **A1335**

——, —— transport, electrogenic, segmental variability of, **A1335**

——, transit, segmental, in ulcerative colitis, effect of Asian *v* Caucasian diet, **A1366**

Colonic complications of severe acute pancreatitis, **A371**

——. *See also* Intracolonic

Colonocytes, human, isolated, adhesion of colitic *E coli* to, **A1328**

Colonoscopic management of malignant polyps, audit of, **A1367**

Colonoscopy, evaluation of discomfort with carbon dioxide and air insufflation after, **A1370**
——, left sided, as screening procedure for colorectal neoplasia in asymptomatic volunteers ≥45 years, **A1367**
——, neoplastic lesions detected at, diagnosis of, histology and cytology compared for, **A1343**
——, open access, as single investigation for suspected colonic neoplasia, **A1371**
Colorectal carcinoma and desmosomes, **A1368**
—— —— and gastric carcinoma, gastrin in, *in vitro* and *in vivo* studies, **A1332**
—— ——, patients at risk of developing local recurrence predicted by intraoperative pelvic cytology, **A1368**
—— ——, photodynamic therapy for, **A1368**
—— ——, screening for, analysis of 132 tumours, **A1344**
—— neoplasia, left sided colonoscopy as screening procedure in asymptomatic volunteers ≥45 years for, **A1367**
Complement, activated, cytotoxic to isolated rat hepatocytes, **A1394**
Computed tomography scanning, serial, in acute pancreatitis, **A369**
Computer history analysis in acalculous biliary pain, **A1383**
Constipation, chronic, idiopathic, longstanding, surgical management of, physiological parameter to dictate, **A1362**
——, idiopathic, severe, colectomy for, assessment of, **A1343**
——, ——, ——, dynamic colonic scanning for definition of regional defect in, **A1365**
——, intractable, associated with spinal and pelvic nerve injury, action of cisapride on, **A1363**
——, severe, histopathological study, **A1364**
——, ——, lateral puborectalis division for, experience of, **A1364**
Continence mechanism, role of anorectal sensation in, **A1361**
Copper and metallothionein in liver disease with copper retention, histopathological study, **A1348**
CORAZZA, G R, *et al.*: Fasting breath hydrogen in coeliac disease, **A1353**
——, *et al.*: Sorbitol malabsorption in normal volunteers and in patients with coeliac disease, **A1353**
CORBETT, M E, *et al.*: Measurement of pepsin synthesis in man using 1-^{13}C-leucine, **A1331**
CORDER, A P, *et al.*: Acute septic complications of diverticular disease: a radical approach improves survival, **A1343**
CORTOT, A (French Cooperative Study): Omeprazole versus ranitidine in duodenal ulcer patients unhealed after six weeks' treatment with H2-receptor antagonists, **A1341**
COUPE, M, *et al.*: Effect of hepatic artery embolisation on survival in carcinoid syndrome, **A1329**
COURTNEY, M G, *et al.*: An assay for folate catabolism – implications for the RDA, **A1350**
Cow's milk sensitive enteropathy contributing to failure to thrive in cystic fibrosis in childhood, **A1356**
COX, J G C, *et al.*: Radial pressures during stricture dilatation with bougies and balloons, **A1370**
COXON, J E, and BECKLY, D E: Gastric vascular ectasia: nine cases and treatment by laser photocoagulation, **A1370**
CR 1409 studies of role of cholecystokinin in stimulation of pancreatic enzyme secretion by bombesin and meal, **A1381**
CRABTREE, J E, *et al.*: *In vitro* mucus glycoprotein synthesis and secretion by gastric mucosa colonised with *Campylobacter pyloridis*, **A1409**
CRAMA-BOHBOUTH, G E, *et al.*: Are clinical activity indices helpful in assessing active intestinal inflammation in Crohn's disease?, **A1389**
CREUTZFELDT, W, *et al.*: Serum gastrin concentrations and gastric endocrine cell population during longterm treatment with omeprazole in man, **A1341**
CROFTS, T J, *et al.*: Prospective randomised controlled trial of conservative therapy versus surgery for perforated duodenal ulcer, **A1375**
Crohn's disease, active intestinal inflammation in, assessment of, clinical activity indices helpful?, **A1389**
—— ——, clofazimine in, trial of, **A1391**
—— ——, enterovaginal fistulae in, **A1392**
—— ——, established, combination antimycobacterial chemotherapy with major clinical response in, **A1390**
—— ——, faecal diversion for, sustained epithelial proliferation after, objective evidence of mucosal recovery from, **A1391**
—— ——, —— —— in management of, **A1344**
—— ——, granulomata of, macrophage and lymphocyte subpopulations in, **A1388**
—— —— in Scottish children, incidence, morbidity and mortality, **A1356**
—— ——, microbial isolates in, identification with cloned DNA probes, **A1328**
—— ——, mucosal glycoprotein synthetase as protective mechanism in, **A1388**
—— —— of colon, management of, audit of, **A1391**
—— —— —— ——, segmental colectomy for, **A1391**
—— ——, postoperative fistulae in, causes and prevention of, **A1329**
—— ——, smoking and sugar intake in, separate but interactive risk factors, **A1389**
—— ——, strictureplasty for, 9-year experience, **A1329**
CROWE, J, *et al.*: A study of intracolonic hydrogen and methane concentrations in patients, **A1370**
CUNNINGHAM, K M, and READ, N W: Incorporating lipid into soup or main course has different effects on gastric emptying and nutrient absorption, **A1350**
CUSCHIERI, A: Long term experience of pancreatic resection using a banding technique, **A368**
Cysteine and penicillamine inhibition of acetaldehyde induced superoxide production by neutrophils, **A1331**
Cystic fibrosis in childhood, failure to thrive in, cow's milk sensitive enteropathy contributing to, **A1356**
—— ——, intensive dietary counselling in adolescents with, **A1352**
—— ——, jejunal biopsies from children with, absence of secretory response in, **A1356**

DAMMANN, H G, *et al.*: Effect of intravenous BMY-25368-01 and ranitidine on meal stimulated gastric acid secretion in man, **A1339**
DANESH, B J Z, *et al.*: Ability of duodenum to maintain a neutral pH microclimate in response to acid challenge in endoscopically normal and duodenal ulcer subjects, **A1405**
——, *et al.*: Does the pH influence the protective action of sucralfate against mucosal injury?, **A1338**
DAVIDSON, B R, *et al.*: Endoscopic sphincterotomy for common bile duct calculi in patients with gall bladder *in situ* considered unfit for surgery, **A1371**
DAWES, R F H, and ROYLE, G T: Postoperative pain relief with diclofenac suppositories, **A1397**
DEAKIN, M, and WILLIAMS, J G: Reproducibility of 24-hour studies of intragastric acidity, nocturnal volume, acid and pepsin secretion by the aspiration method, **A1407**
Defecation, continued, in presence of loop ileostomy, aetiology of, **A1365**
——, disordered, accompanied by primary personality disorder?, **A1373**
——, physiology of, and importance of levator ani muscles, **A1362**
Defecographic findings in young healthy volunteers, **A1361**
DEFIZE, J, *et al.*: N-methyl-N′-nitro-N-nitrosoguanidine induces changes in rat and human pepsinogen phenotypes, **A1332**
DEHN, T C B, *et al.*: Strictureplasty for Crohn's disease – a nine year experience, **A1329**
De-Nol, duodenal ulcer patients treated with, eicosanoids in gastroduodenal mucosa of, **A1337**
——, effect on gastric bicarbonate secretion *in vitro* and in man, **A1342**
——, efficacy of different dosage regimes in duodenal ulcer healing and eradication of *Campylobacter pyloridis*, **A1409**
—— in non-ulcer dyspepsia, trial of, and effect on *Campylobacter pyloridis*, **A1337**
Dermatitis herpetiformis patients, coeliac relatives of, immunofluorescent and genetic studies, **A1352**

Desmosomes and colorectal cancer, **A1368**

DEUS, J, *et al.*: Early diagnosis of biliary aetiology in acute pancreatitis, **A370**

DHIR, N K, *et al.*: Changes in mucus glycoprotein biosynthesis at the tumour site in gastric cancer, **A1332**

Diabetes mellitus and idiopathic faecal incontinence, comparison for sensorimotor pelvic floor neuropathy, **A1363**

Diarrhoea of famine, effects of starvation and refeeding on electrogenic ion transport in rat colon as model for, **A1395**

——, postvagotomy, impaired adaptive relaxation in patients with, **A1403**

——, protracted, idiopathic, and circulating enterocyte antibodies, jejunal HLA D/DR Ag expression in children with, **A1355**

—— related to fat malabsorption and partial villous atrophy in HIV infection in male homosexuals, **A1353**

DIAS, L M, *et al.*: Endoscopic prosthesis for common bile duct stones, **A1371**

Diclofenac suppositories, postoperative pain relief with, **A1397**

Diet, 600 calorie, Garren gastric bubble with and without, effect on weight loss and gastric emptying, trial of, **A1412**

Dietary counselling, intensive, in adolescents with cystic fibrosis, **A1352**

Difluoromethyl-ornithine inhibition of adaptive ileal mucosal hyperplasia after pancreaticobiliary diversion in rat, **A1394**

Disaccharidase deficiencies, diagnosis of, endoscopic biopsies for, **A1398**

DISIDA, 99m-Tc, scanning, quantitative, in sphincter of Oddi dysfunction, **A1381**

Diverticular disease, acute septic complications of, survival improved by radical approach in, **A1343**

—— ——, complicated, national audit of, **A1343**

DNA in rat hepatocytes, synergistic effect of hepatotropin and insulin, **A1393**

—— probes, cloned, in identification of Crohn's disease microbial isolates, **A1328**

DOBLE, A, and SIM, A J W: Endoluminal ultrasound in benign anorectal disease, **A1369**

DONALDSON, D R, *et al.*: Anal leukoplakia, **A1368**

DOOLEY, J S, *et al.*: Methyl tert-butyl ether for common duct stones: dissolution without radiological disappearance, **A1385**

DOUGLAS, B R, *et al.*: Ingestion of coffee stimulates plasma cholecystokinin secretion and gall bladder contraction in man, **A1383**

Drug metabolism, alteration in elderly, fall in liver volume, blood flow and perfusion in aging man as explanation for, **A1347**

DUA, K S, *et al.*: Is highly selective vagotomy a good operation for duodenal ulcer?: a longer look at the answer, **A1374**

Dumping syndrome, SMS 201-995 in, effect on packed cell volume, blood glucose and plasma GI peptides, **A1396**

Duodenal acidification and gastrin responses after feeding, pathophysiological implications, **A1410**

—— and gastric subnuclear vacuolated mucous cells, **A1408**

——. *See also* Intraduodenal

Duodenogastric reflux. *See* Reflux, duodenogastric

Duodenum, ability to maintain neutral pH microclimate in response to acid challenge in endoscopically normal and duodenal ulcer subjects, **A1405**

——, biopsies, and gastric biopsies, detection of *Campylobacter pyloridis* in, sensitivity and specificity of 4-hour rapid urease test to culture and histology for, **A1406**

——, epithelial bicarbonate secretion, stimulation by benzodiazepines, **A1333**

——, guinea pig, villous uptake of iron and enterocyte iron binding proteins in, developmental changes in, **A1333**

——, mucosa of, and bronchial mucosa in asthma, concomitant presence of IgE plasma cells in, **A1398**

——, pH, and gastric pH, postprandial, in exocrine pancreatic insufficiency, effect of omeprazole, **A1340**

——, rabbit, mucosal repair after acid injury, role of alkaline microenvironment in, **A1406**

——, ulcer, antral gastritis associated with, improvement by omeprazole, **A1340**

——, ——, —— —— ——, sucralfate *v* cimetidine for treatment of, **A1338**

——, ——, basal and stimulated plasma gastrin in, correlation with failure of H_2 receptor antagonists and recurrent ulceration after highly selective vagotomy, **A1374**

——, ——, bleeding, isolated duodenal tamponade in treatment of, **A1373**

——, ——, childhood, pathophysiology of, **A1357**

——, ——, eicosanoids in gastroduodenal mucosa of patients treated with colloidal bismuth subcitrate, **A1337**

——, —— healing, and eradication of *Campylobacter pyloridis*, efficacy of colloidal bismuth subcitrate in different dosage regimes in, **A1409**

——, —— ——, impairment by food, **A1407**

——, —— ——, Maalox TC tablets and ranitidine in, comparative multicentre study, **A1337**

——, ——, highly selective vagotomy for, long term assessment of efficacy, **A1374**

——, ——, maintenance therapy for, recurrence and other factors during, **A1341**

——, ——, mucosal gastrin and gastric acid secretion affected by smoking in, **A1374**

——, ——, omeprazole *v* ranitidine for, with weekly endoscopic assessment, **A1340**

——, ——, perforated, conservative therapy *v* surgery for, trial of, **A1375**

——, ——, recurrence during maintenance treatment, **A1375**

——, ——, T cell populations and activity in, effect of famotidine treatment, **A1338**

——, ——, unhealed after 6 weeks' treatment with H2-receptor antagonists, omeprazole *v* ranitidine in, **A1341**

DUROUX, P, *et al.*: Optimising the effect of nizatidine on gastric pH: early evening meal together with the drug is best, **A1339**

Dyspepsia, non-ulcer, colloidal bismuth subcitrate in, trial of, and effect on *Campylobacter pyloridis*, **A1337**

Dyspeptic symptoms, analysis of, determination of risk of gastric cancer and priority for endoscopy from, **A1405**

Dysphagia for solids as longterm effect of Angelchik antireflux prosthesis, **A1378**

——, malignant, palliation of, laser therapy or intubation for, **A1358**

——, oesophageal transit in patients with, improvement by cisapride, results of trial, **A1377**

EDE, R J, *et al.*: Endoscopic management of inoperable cholangiocarcinoma using Iridium-192, **A1400**

——, *et al.*: Management of increased cerebral blood flow in patients with fulminant hepatic failure, **A1330**

^{99}Tc^{m}-EHIDA/external imaging for non-invasive assessment of duodenogastric reflux, validation of, **A1408**

Eicosanoids in gastroduodenal mucosa of duodenal ulcer patients treated with colloidal bismuth subcitrate, **A1337**

Elderly, altered drug metabolism in, fall in liver volume, blood flow and perfusion in aging man as explanation for, **A1347**

Electrocoagulation, multipolar, in treatment of ulcers with non-bleeding visible vessels, trial of, **A1342**

Electrolyte transport in large intestine influenced by atrial natriuretic peptide, **A1396**

ELLENBOGEN, S, *et al.*: Evidence for a gastro-cholecystic reflex for gall bladder emptying in man, **A1411**

——, *et al.*: Interdigestive gall bladder emptying and its relationship to motor activity in man, **A1359**

ELMES, M E, *et al.*: Metallothionein and copper in liver disease with copper retention: a histopathological study, **A1348**

Endocrine tumours in ARG-vasopressin/simian virus 40 large T antigen transgenic mice, model for human multiple endocrine neoplasia type I syndrome?, **A1393**

Endoscopic adrenaline injection for actively bleeding ulcers, controlled assessment, **A1402**

————, submucosal, effect on blood loss from standard bleeding ulcers, **A1402**
—— biopsies for diagnosis of disaccharidase deficiencies, **A1398**
—— drainage, urgent, in acute suppurative cholangitis, **A1384**
—— management of inoperable cholangiocarcinoma using Iridium-192, **A1400**
———— of large (>2 cm) common bile duct stones associated with recurrent pyogenic cholangitis, **A1371**
—— prosthesis for common bile duct stones, **A1371**
—— retrograde cholangiography (cholangiopancreatography). *See* ERC (ERCP)
—— sclerotherapy and transhepatic embolisation in patients with severe cirrhosis and acute variceal bleeding, trial of, **A1348**
—— sphincterotomy for common bile duct calculi in patients with gall bladder *in situ* unfit for surgery, **A1371**
————, stone extraction after, active policy for, **A1360**
—— surveillance in early detection of malignant change in Barrett's oesophagus, value of, **A1379**
—— therapy in primary sclerosing cholangitis, potential for, **A1342**
—— ultrasound of pancreatic disorders, **A1382**
Endoscopy, gastrointestinal, upper, diagnostic yield in HIV antibody positive patients, **A1369**
——, ——, ——, paediatric, experience of 531 cases, **A1370**
——, small bowel, experience in Kuwait with, **A1369**
Enprostil in treatment of gastric ulcer, **A1336**
Enteral nutrition in severe colitis, **A1328**
Enterochromaffin-like cell populations, dependence on age and sex, **A1410**
Enterohepatic circulation patterns over 24 hours, **A1385**
Enteropathy, cow's milk sensitive, contributing to failure to thrive in cystic fibrosis in childhood, **A1356**
——, induction by activated T cells in human small intestine, **A1334**
Enterovaginal fistulae in Crohn's disease, **A1392**
Enzyme linked lectin assay as serum test for pancreatic cancer, comparison with RIA CA19-9, **A1401**
ERC, pre- and post-operative, in assessment of bile duct diameter after cholecystectomy, **A1384**
ERCP, early, and sphincterotomy, role in acute biliary pancreatitis, **A1384**
ERIKSEN, C A, *et al*.: Cisapride improves oesophageal transit in patients with dysphagia: results of a randomised double-blind crossover trial, **A1377**
——, *et al*.: Duodenal acidification and gastrin responses after feeding: a new look at the pathophysiology, **A1410**
——, *et al*.: Manometric interpretation of the oesophageal egg transit test: a useful test for oesophageal motility disorders, **A1358**
Esaprazole, gastric bicarbonate secretion in man increased by, **A1337**
Escherichia coli, colitic, adhesion to isolated human colonocytes, **A1328**
Ethanol, hepatocyte membranes of rats fed, detection of acetaldehyde adducts on, **A1393**
——, leucotriene synthesis and damage in rat gastric mucosa induced by, BW755C inhibition of, **A1334**
EVANS, D F, *et al*.: Non-invasive measurement of gastric emptying using applied potential tomography, **A1410**

Faecal chymotrypsin in prediction of exocrine pancreatic function in infants and children, **A1400**
—— diversion for Crohn's disease, sustained epithelial proliferation after, objective evidence of mucosal recovery from, **A1391**
———— in management of Crohn's disease, **A1344**
—— incontinence. *See* Incontinence, faecal
—— short chain fatty acids in ulcerative colitis patients and controls, **A1387**
—— stream, effect on colonic cellular proliferation rates in normal subjects, **A1366**
Famine diarrhoea, effects of starvation and refeeding on electrogenic ion transport in rat colon as model for, **A1395**
Famotidine 40 mg nocte, 24 hour intragastric acidity and plasma gastrin concentration in healthy volunteers taking, **A1339**
—— treatment, effect on T cell populations and activity in duodenal ulcer, **A1338**
Fat as luminal stimulus for gastric somatostatin release, **A1331**
—— malabsorption and partial villous atrophy, diarrhoea related to, in HIV infection in male homosexuals, **A1353**
Fatty acids, oxidation, inhibition of, as cause of ulcerative colitis, **A1387**
————, polyunsaturated, ingestion of, and peptic ulcer, evidence for direct relationship, **A1411**
————, short chain, effects on sodium and chloride transport mechanisms in human infant colon, **A1366**
————, ————, faecal, in ulcerative colitis patients and controls, **A1387**
————, ————, portal and peripheral blood concentrations after caecal lactulose installation at surgery, **A1355**
FEIL, W, *et al*.: Mucosal repair of rabbit duodenum: role of an alkaline micro-environment, **A1406**
Fibre, dietary, inhibition of starch absorption by, **A1354**
——, ——, supplementation with, effect on colonic pH in healthy volunteers, **A1366**
Fibresigmoidoscopy, open access, comparative audit of efficacy, **A1372**
Fibrinolysis, intragastric, in bleeding peptic ulcer disease, **A1402**
FINLAY, I G, *et al*.: Can videoproctography and anorectal physiology predict outcome after rectopexy for the solitary rectal ulcer syndrome?, **A1361**
——, *et al*.: Physiology of defecation – the importance of the levator ani muscles, **A1362**
Fish oil, use in inflammatory bowel disease, **A1391**
FISHER, S E, *et al*.: Do patients with disordered defecation have a primary personality disorder?, **A1373**
Fistulae, enterovaginal, in Crohn's disease, **A1392**
—— in anorectal sepsis, relevance of microbiology and necessity of repeat examination under anaesthesia, **A1369**
——, postoperative, in Crohn's disease, causes and prevention of, **A1329**
FLOREANI, A, *et al*.: No specific association between primary biliary cirrhosis and bacteriuria?, **A1346**
Fluid secretion induced by 5-hydroxytryptamine in human jejunum, prostaglandin E2 mediation of, **A1396**
Folate catabolism, assay for, implications for recommended dietary allowance, **A1350**
FOLEY, D P, *et al*.: Left sided colonoscopy as screening procedure for colorectal neoplasia in asymptomatic volunteers ≤45 years, **A1367**
Food, duodenal acidification and gastrin responses after, pathophysiological implications, **A1410**
——, impairment of duodenal ulcer healing by, **A1407**
—— pseudo allergy, effect of ritiometan, **A1352**
FORBES, A, *et al*.. Autoimmunity and HLA in chronic pancreatitis, **A371**
——, *et al*.: Nutritional support in fulminant hepatic failure: the safety of lipid solutions, **A1347**
N-Formyl oligopeptides, bacterial, spasmogenic effects on guinea pig ileum mediated by mucosal cell receptors and enteric nerves, **A1336**
FRENCH COOPERATIVE STUDY: Omeprazole versus ranitidine in duodenal ulcer patients unhealed after six weeks' treatment with H2-receptor antagonists, **A1341**
Fructose and sorbitol malabsorption in functional bowel disease, **A1372**
FULLARTON, G M, *et al*.: Effect of simulated upper gastrointestinal haemorrhage on gastric acid secretion and GI hormones, **A1401**
——, *et al*.: Quantitative 99m-Tc DISIDA scanning in sphincter of Oddi dysfunction, **A1381**

Gall bladder contraction and plasma cholecystokinin secretion, stimulation by coffee ingestion, **A1383**
—————— in irritable bowel syndrome, **A1384**

————emptying, gastro-cholecystic reflex in man for, evidence for, **A1411**
——————, interdigestive, and relationship to motor activity, **A1359**
————motility in presence of gall stones, **A1360**
————motor function in gall stone patients, integrated study, **A1395**
——stone dissolution and bile lipid responses to combined chenodeoxycholic acid and ursodeoxycholic acid treatment, **A1360**
————pancreatitis, sex differences in, **A1383**
——stones, gall bladder motility in presence of, **A1360**
————, ————motor function in patients with, integrated study, **A1395**
————, radiolucent, calcification of, postulated mechanism of, and ursodeoxycholate treatment, **A1385**
————, recurrence after dissolution (British/Belgian Gallstone Study Group trial), **A1359**
Gastrectomy, partial, with Billroth-II and Roux-en-Y anastomosis, effect on serum pepsinogens, prospective study, **A1403**
Gastric acid regulation of postprandial somatostatin release in man, **A1331**
————secretion and gastrointestinal hormones, effect of simulated upper gastrointestinal haemorrhage, **A1401**
——————and mucosal gastrin in duodenal ulcer affected by smoking, **A1374**
——————, meal stimulated, in man, effect of intravenous BMY-25368-01 and ranitidine, **A1339**
——adaptive relaxation, impairment in patients with postvagotomy diarrhoea, **A1403**
——————in gastro-oesophageal reflux, **A1376**
——and duodenal pH, postprandial, in exocrine pancreatic insufficiency, effect of omeprazole, **A1340**
——————subnuclear vacuolated mucous cells, **A1408**
——bicarbonate secretion in man increased by esaprazole, **A1337**
——————*in vitro* and in man, effect of bismuth subcitrate, **A1342**
——biopsies and duodenal biopsies, detection of *Campylobacter pyloridis* in, sensitivity and specificity of 4-hour rapid urease test to culture and histology for, **A1406**
——blood flow, laser doppler assessment of, **A1403**
——bubble, Garren, with or without 600 calorie diet, effect on weight loss and gastric emptying, trial of, **A1412**
——carcinoma, adjuvant tamoxifen in treatment of, controlled study, **A1404**
————and colorectal carcinoma, gastrin in, *in vitro* and *in vivo* studies, **A1332**
————, asbestos as possible cause of, **A1404**
————, mucus glycoprotein biosynthesis changes at tumour site in, **A1332**
————, risk of, and priority for endoscopy, determination from analysis of dyspeptic symptoms, **A1405**
——emptying and nutrient absorption, different effects of lipid incorporated into soup or main course, **A1350**
————, biphasic pattern after truncal vagotomy and pyloroplasty, mechanisms governing, **A1332**
————, non-invasive measurement using applied potential tomography, **A1410**
————of liquids, effect of meal temperature, **A1407**
————of solids delayed by smoking, **A1406**
——endocrine cell population and serum gastrin concentrations during longterm omeprazole treatment, **A1341**
——epithelia, benign and malignant, C-myc oncogene product expression in, **A1404**
——mucosa colonised with *Campylobacter pyloridis, in vitro* mucus glycoprotein synthesis and secretion by, **A1409**
————, rat, ethanol induced leucotriene synthesis and damage in, BW755C inhibition of, **A1334**
——mucosal bleeding, what dose of aspirin safe in?, **A1401**
——pH and oesophageal pH monitoring, ambulatory, 24 hour, simultaneous, clinical applications of, **A1377**
————, effect of nizatidine optimised by early evening meal with drug, **A1339**
——secretion of antibiotics used for *Campylobacter pyloridis*, **A1409**
——somatostatin release, fat as luminal stimulus for, **A1331**
——surgery, serum trypsin after various forms of, effect of bombesin, **A1381**
——ulcer, benign, healing of, omeprazole 20 mg om and ranitidine 150 mg bd in, Italian multicentre study, **A1341**
————, ——, omeprazole and ranitidine in treatment of, international multicentre study, **A1340**
————, enprostil in treatment of, **A1336**
——vagotomy, proximal, clinical results 10 years after, **A1404**
——vascular ectasia, 9 cases and treatment by laser photocoagulation, **A1370**
——. *See also* Intragastric; Stomach
Gastrin and duodenal acidification responses after feeding, pathophysiological implications, **A1410**
——in gastric and colorectal cancer, *in vitro* and *in vivo* studies, **A1332**
——, mucosal, and gastric acid secretion in duodenal ulcer affected by smoking, **A1374**
——, plasma levels, and intragastric acidity, 24 hour, in healthy volunteers taking famotidine 40 mg nocte, **A1339**
——, ————, basal and stimulated, in duodenal ulcer, correlation with failure of H_2 receptor antagonists and recurrent ulceration after highly selective vagotomy, **A1374**
——, serum concentrations, and gastric endocrine cell population during longterm omeprazole treatment, **A1341**
Gastritis, antral, associated with duodenal ulcer, improvement by omeprazole, **A1340**
——, ——, ————————, sucralfate *v* cimetidine for treatment of, **A1338**
——associated with *Campylobacter pyloridis* in children, **A1357**
————————, increased leucotriene C4 formation in, **A1405**
——, reflux, diagnosis of, value of alkali infusion test in, and comparison with ^{99}Tc-HIDA test, **A1408**
Gastro-cholecystic reflex for gall bladder emptying in man, evidence for, **A1411**
Gastroduodenal malignancies, Nd-YAG laser therapy in, **A1374**
——mucosa of duodenal ulcer patients treated with colloidal bismuth subcitrate, eicosanoids in, **A1337**
——'mucus-bicarbonate' barrier, effect of indomethacin, **A1411**
Gastroenteritis, postacute, need to regrade?, **A1351**
Gastrointestinal abnormalities and wheat protein, role in rheumatoid arthritis, **A1398**
——endoscopy, upper, diagnostic yield in HIV antibody positive patients, **A1369**
————, ——, paediatric, experience of 531 cases, **A1370**
——haemorrhage from other sources in colonic angiodysplasia, **A1355**
————, lower, role of *in vivo* ^{99m}Tc-labelled red blood cell scintigraphy in, **A1367**
————, recurrent, promoted by early blood transfusion, **A1402**
————, upper, simulated, effect on gastric acid secretion and GI hormones, **A1401**
——tract, human and guinea pig, VIP binding sites in, localisation using *in vitro* autoradiography, **A1333**
——transit time in rat, effect of ileal infusion of fats, detergents and bile acids, **A1355**
————, upper, and carbohydrate absorption, modulation by beta-adrenoreceptors, **A1396**
————. *See also* Mouth-to-caecum transit
Gastro-oesophageal reflux. *See* Reflux, gastro-oesophageal
Gastroplasty for morbid obesity, evaluation of nutritional effects and surgical risks during 2 year study after, **A1351**
Gaviscon liquid and Asilone gel in treatment of reflux oesophagitis, comparison of, **A1376**
GEMAYEL, N, *et al*.: A prospective, controlled trial of the Garren

gastric bubble with or without 600 calorie diet on weight loss and gastric emptying, **A1412**
Giardia lamblia, human serum IgA response to, **A1351**
GILLEN, P, *et al.*: Barrett's oesophagus: risk factors for malignancy, **A1379**
Globus sensation, manometric findings in patients with, **A1378**
Glucose-galactose malabsorption, congenital, defective sodium coupled glucose transport in, characterisation using jejunal brush border membrane vesicles, **A1396**
Glutathione S-transferase levels in autoimmune chronic active hepatitis, **A1349**
Gluten challenge, rectal, in coeliac sprue, sequence of immunopathological events after, **A1392**
Glycochenodeoxycholic acid and glycocholic acid, jejunal infusion of, inhibition of small bowel motility and transit by, **A1399**
————, ileal infusion of, in feedback regulation of jejunal and ileal transit and motility, **A1398**
Glycoprotein marker for pancreatic cancer, carbohydrate sequencing of, **A1394**
——, mucus, synthesis and secretion *in vitro* by gastric mucosa colonised with *Campylobacter pyloridis*, **A1409**
——, new, related to pancreatic cancer, identification in serum by electrophoresis and lectin blotting, **A372**
Glycoprotein synthetase, mucosal, as protective mechanism in Crohn's disease, **A1388**
Glycoproteins, mucus, biosynthesis of, changes at tumour site in gastric cancer, **A1332**
GOKA, A K J, *et al.*: Human serum IgA response to *Giardia lamblia*, **A1351**
GOODMAN, A J, *et al.*: Therapeutic fresh frozen plasma in acute pancreatitis: intravenous or intraperitoneal?, **A1382**
GOUDIE, B M, *et al.*: Epidemiology of antimitochondrial antibody seropositivity and primary biliary cirrhosis in the west of Scotland, **A1346**
GOULBOURNE, I A, *et al.*: Risk of death from acute pancreatitis, **A370**
GRANT, H W, *et al.*: Polyunsaturated fatty acid ingestion and peptic ulcer – evidence for a direct relationship, **A1411**
Granulomata of Crohn's disease, macrophage and lymphocyte subpopulations in, **A1388**
GUSLANDI, M: Esaprazole increases gastric alkaline secretion in man, **A1337**
Gut. *See* Gastrointestinal tract
GUYAN, P M, *et al.*: Oxygen free radicals do not activate the zymogens of human pancreatic proteases, **A1394**

Haem arginate therapy for acute hepatic porphyria, **A1347**
Haemorrhage, gastric mucosal, what dose of aspirin safe in?, **A1401**
——, gastrointestinal. *See* Gastrointestinal haemorrhage
——, variceal. *See* Variceal haemorrhage
——. *See also* Bleeding
Haemorrhagic necrosis, massive, of liver after liver transplantation, **A1344**
HALL, C, *et al.*: Intraoperative pelvic cytology accurately predicts those at risk of developing local recurrence of colorectal cancer, **A1368**
HAMBERG, O, *et al.*: Inhibition of starch absorption by dietary fibre, **A1354**
HANSLIP, J I, *et al.*: Effects of 'mucosal protective' and antisecretory drugs on assimilation of food bound vitamin B_{12}, **A1341**
HARRISON, J D, *et al.*: A randomised, controlled study of adjuvant Tamoxifen in the treatment of gastric carcinoma, **A1404**
HARTLEY, M N, and MACKIE, C R: Impaired gastric adaptive relaxation in patients with postvagotomy diarrhoea, **A1403**
——, *et al.*: Gastric adaptive relaxation in patients with gastro-oesophageal reflux, **A1376.**
HAYES, P C, and WILLIAMS, R: Oral urea in the treatment of hyponatraemic ascites, **A1386**
——, *et al.*: Glutathione S-transferase levels in autoimmune chronic active hepatitis, **A1349**
HEAGERTY, A H M, *et al.*: Tc-99m-HMPAO labelled white cell imaging – a new technique for the dynamic assessment of inflammatory bowel disease, **A1389**
HEALY, M, *et al.*: Phosphatidylcholine degradation in small intestinal bacterial overgrowth, **A1397**
HEATON, N D, *et al.*: A histopathological study of severe constipation, **A1364**
HENDERSON, J, *et al.*: Ursodeoxycholate treatment and postulated mechanism of calcification of previously radiolucent gall stones, **A1385**
Hepatic artery embolisation, effect on survival in carcinoid syndrome, **A1329**
—— porphyria, acute, haem arginate therapy for, **A1347**
—— venous pressure gradient increased by carbohydrate meals in cirrhotics after bleeding from oesophageal varices, **A1348**
——. *See also* Intrahepatic; Liver
Hepatitis B virus infection, chronic, antiviral treatment for, histological improvement after, **A1387**
——, chronic active, autoimmune, glutathione S-transferase levels in, **A1349**
——, ————, ——, persistent measles virus infection due to defective measles virus antigen expression in, **A1346**
Hepatobiliary and pancreatic malignancy, cytological diagnosis of, **A1401**
Hepatocellular and obstructive jaundice, effect on triglyceride metabolism, **A1349**
Hepatocyte membranes of rats fed ethanol, detection of acetaldehyde adducts on, **A1393**
Hepatocytes, isolated, transplantation of, morphological changes in pancreas, suggesting endocrine regeneration, induced by, **A1400**
——, rat, DNA in, synergistic effect of hepatotropin and insulin, **A1393**
——, ——, isolated, activated complement cytotoxic to, **A1394**
Hernia, hiatal, influence on oesophageal function, **A1377**
HETZEL, D J, *et al.*: Healing and relapse of reflux oesophagitis after treatment with omeprazole 20 mg or 40 mg daily, **A1376**
Hexamethyl propylene amine oxime. *See* HMPAO
HEYEN, F, *et al.*: Causes and prevention of postoperative fistulae in Crohn's disease, **A1329**
——, *et al.*: Enterovaginal fistulae in Crohn's disease, **A1392**
HEYLINGS, J R, *et al.*: Benzodiazepines stimulate duodenal epithelial bicarbonate secretion, **A1333**
Hiatal hernia, influence on oesophageal function, **A1377**
HILL, S M, *et al.*: Cow's milk sensitive enteropathy: an important cause of failure to thrive in cystic fibrosis in childhood, **A1356**
Histamine H_2-receptor. *See* H_2-receptor
HIV antibody positive patients, upper gastrointestinal endoscopy in, diagnostic yield of, **A1369**
—— infection, diarrhoea related to fat malabsorption and partial villous atrophy in male homosexuals with, **A1353**
————, jejunal mucosal architecture in male homosexuals with, **A1399**
HLA and autoimmunity in chronic pancreatitis, **A371**
—— antigens as predictors of prognosis in primary sclerosing cholangitis, **A1345**
—— D/DR Ag expression in jejunum of children with idiopathic protracted diarrhoea and circulating enterocyte antibodies, **A1355**
HOLLINGSWORTH, J A, *et al.*: Gastric secretion of antibiotics used for *Campylobacter pyloridis*, **A1409**
Homosexuals, male, HIV infected, jejunal mucosal architecture in, **A1399**
——, ——, —— infection in, diarrhoea related to fat malabsorption and partial villous atrophy in, **A1353**
HOOD, K, *et al.*: Bile lipid and gall stone dissolution responses to combined chenodeoxycholic acid and ursodeoxycholic acid treatment, **A1360**
——, *et al.*: The British/Belgian Gallstone Study Group's postdissolution trial, **A1359**
HOSKING, S W, *et al.*: Can metoclopramide arrest active bleeding from varices?: a prospective controlled trial, **A1380**

HOUGHTON, P W J, *et al.*: Asbestos: a possible aetiological cause of gastric cancer?, **A1404**
^{99m}Tc-HMPAO, leucocytes labelled with, in diagnosis and assessment of inflammatory bowel disease, **A1328, A1389**
H$_2$-receptor antagonists in oesophagitis, response predicted by physiological studies?, **A1358**
—— ——, pH response to, effect of smoking, **A1406**
—— ——. *See also* WY-45,727
HUBSCHER, S G, *et al.*: Massive haemorrhagic necrosis of the liver after liver transplantation, **A1344**
HUI, W M, *et al.*: Omeprazole improves antral gastritis associated with duodenal ulcer, **A1340**
——, *et al.*: Omeprazole *v* ranitidine for duodenal ulcer – weekly endoscopic assessment, **A1340**
——, *et al.*: Smoking affects mucosal gastrin and gastric acid secretion in duodenal ulcer, **A1374**
——, *et al.*: Sucralfate *v* cimetidine for the treatment of duodenal ulcer associated antral gastritis, **A1338**
HUNTER, J O, *et al.*: A double blind randomised multicentre study comparing Maalox TC tablets and ranitidine in the healing of duodenal ulcer, **A1337**
Hydatid disease, albendazole therapy for, longterm clinical and experimental results, **A1385**
—— ——, combination chemotherapy in, **A1346**
Hydrogen and methane, intracolonic concentrations in patients, **A1370**
—— in breath, fasting levels, in coeliac disease, **A1353**
—— —— ——, monitoring of, in Pneumatosis coli, **A1366**
5-Hydroxytryptamine, fluid secretion in human jejunum induced by, prostaglandin E2 mediation of, **A1396**
Hypertension, portal, and cirrhosis, portal haemodynamics in, effect of high and low protein meals, **A1349**
Hyperthermia, interstitial, as new therapy for intrahepatic neoplasms, **A1350**
——, ——, for treatment of pancreatic cancer, experimental studies, **A1382**
Hyponatraemic ascites, oral urea in treatment of, **A1386**

ICS 205-930 reduction of mouth-to-caecum transit time in man, **A1373**
Ileo-anal anastomosis and proctocolectomy, restorative, discrimination not impaired by excision of anal transitional zone after, **A1365**
Ileostomy, loop, continued 'defecation' in presence of, aetiology of, **A1365**
Ileum and jejunum, transit and motility, feedback regulation by ileal infusion of glycochenodeoxycholic acid, **A1398**
——, brush border membrane, lectin-induced damage to, investigation with organ culture, **A1397**
——, guinea pig, spasmogenic effects of bacterial N-formyl oligopeptides mediated by mucosal cell receptors and enteric nerves, **A1336**
——, infusion of fats, detergents and bile acids, effect on stomach to caecum transit time in rat, **A1355**
——, mucosal hyperplasia, adaptive, after pancreaticobiliary diversion in rat, inhibition by difluoromethyl-ornithine, **A1394**
Immune complexes, circulating, and milk antibodies in inflammatory bowel disease, **A1387**
Immunoglobulin A in human serum, response to *Giardia lamblia*, **A1351**
—— E plasma cells, concomitant presence in duodenal and bronchial mucosa in asthma, **A1398**
—— G3 in primary biliary cirrhosis, raised serum concentrations and increased synthesis by peripheral blood lymphocytes, **A1347**
Incontinence, faecal, idiopathic, and diabetes mellitus, comparison for sensorimotor pelvic floor neuropathy, **A1363**
——, ——, ——, postanal repair for, clinical and physiological evaluation of, **A1362**
——, ——, neurogenic, internal anal sphincter function in, **A1364**
——, ——, neuropathic, primary, combined sensorimotor deficit in, **A1363**
^{111}Indium leucocyte scanning in diagnosis of occult intra-abdominal sepsis, early *v* late scanning in, **A1403**
Indomethacin and ranitidine, effect on gastric acidity, **A1373**
——, effect on gastroduodenal 'mucus-bicarbonate' barrier, **A1411**
Insulin and hepatotropin, synergistic effect on DNA in rat hepatocytes, **A1393**
Intestinal adenylate, different effects of VIP and PHI on, **A1393**
—— ischaemia, acute, differential response of gut neuropeptides in, **A1334**
—— obstruction, current spectrum of, **A1372**
—— pseudo-obstruction, manometry helpful?, **A1354**
Intestine, large, electrolyte transport, influenced by atrial natriuretic peptide, **A1396**
——, small, bacterial overgrowth, diagnosis of, H$_2$- or ^{14}C-breath tests in, **A1353**
——, ——, —— ——, phosphatidylcholine degradation in, **A1397**
——, ——, —— ——, tests for, comparative value of, **A1351**
——, ——, endoscopy of, experience in Kuwait with, **A1369**
——, ——, enema appearance specific to non-responsive coeliac disease, **A1352**
——, ——, human, biopsy samples of, preparation of osmotically active brush border membrane vesicles from, **A1333**
——, ——, ——, enteropathy induced by activated T cells in, **A1334**
——, ——, malabsorption, and pancreatic insufficiency, non-isotopic test (PAS/PABA excretion ratio) differentiating, **A1382**
——, ——, motility and transit, inhibition by glycochenodeoxycholic and glycocholic acids infused in jejunum, **A1399**
——, ——, motor activity, ontogeny of, **A1355**
——, ——, rat, acetate uptake, not sodium dependent, **A1335**
——, ——, transplants, successful, in rat, denervation prime cause of reduced water absorption in, **A1335**
——, ——, transport function, effects of vitamin E deficiency, **A1354**
Intestines, fluid absorption, laxative action of phenolphthalein on, mechanism of, **A1336**
——, functional disease, fructose and sorbitol malabsorption in, **A1372**
——, —— disorders, allied, diagnosis with monoclonal antibodies and electron microscopy, **A1373**
——, infant mouse, water transport *in vitro*, effect of rotavirus infection, **A1334**
——, inflammation of, active, in Crohn's disease, assessment of, clinical activity indices helpful?, **A1389**
——, inflammatory disease, and coeliac disease, lung permeability in, **A1336**
——, —— ——, asymptomatic, detection during screening for colorectal cancer, **A1392**
——, —— ——, colonic lymphocyte subpopulations in, **A1388**
——, —— ——, diagnosis and assessment with Tc 99m HMPAO labelled leucocytes, **A1328, A1389**
——, —— ——, milk antibodies and circulating immune complexes in, **A1387**
——, —— ——, personality primary or secondary to chronic illness in?, **A1388**
——, —— ——, use of fish oil in, **A1391**
——, irritable bowel syndrome, abnormal vagal function in, **A1344**
——, —— —— ——, anorectal function in, effect of nicardipine, **A1364**
——, —— —— ——, gall bladder contraction in, **A1384**
——, —— —— ——, sigmoid colon in, increased segmental activity and intraluminal pressures in, recorded with new manometric technique, **A1344**
——, microvillus membranes, in coeliac disease, electrophoretic analysis of, **A1335**
——, short bowel syndrome, protein turnover kinetics in, influence of orally administered amino acids and peptides, **A1397**
Intra-abdominal metastases for oesophageal cancer, detection of, laparoscopy, ultrasound or CT for?, **A1378**
—— sepsis, occult, diagnosis with ^{111}Indium labelled leucocyte scanning, early *v* late scanning in, **A1403**

Intracolonic hydrogen and methane concentrations in patients, **A1370**

Intraduodenal acid infusion, antropyloroduodenal motor activity after, **A1407**

Intragastric acidity and plasma gastrin concentration, 24 hour, in healthy volunteers taking famotidine 40 mg nocte, **A1339**

————, nocturnal, effect of indomethacin and ranitidine, **A1373**

————, ——volume, acid and pepsin secretion, 24-hour studies by aspiration method, reproducibility of, **A1407**

————, 24 hour, dose dependent inhibition by WY-45,727, **A1339**

——fibrinolysis in bleeding peptic ulcer disease, **A1402**

——pH response to H_2-receptor antagonists, effect of smoking, **A1406**

Intrahepatic neoplasms, interstitial hyperthermia as new therapy for, **A1350**

IQBAL, S, *et al.*: Sulphation and desulphation in normal human liver and primary biliary cirrhosis, **A1345**

Iridium-192, endoscopic management of inoperable cholangiocarcinoma using, **A1400**

Iron, villous uptake, and enterocyte iron binding proteins in guinea pig duodenum, developmental changes in, **A1333**

ISABEL-MARTINEZ, L, *et al.*: Effect of obstructive and hepatocellular jaundice on triglyceride metabolism, **A1349**

Islets of Langerhans, human, purified, isolation for transportation, **A372**

JAFFE, V, *et al.*: Morphological changes in the pancreas, suggestive of endocrine regeneration, induced by transplantation of isolated hepatocytes, **A1400**

JANSEN, J B M J, *et al.*: Prospective study of the effect of partial gastrectomy with Billroth-II and Roux-en-Y anastomosis on serum pepsinogens, **A1403**

JASS, J R, *et al.*: Juvenile polyposis – a precancerous condition, **A1367**

Jaundice, obstructive and hepatocellular, effect on triglyceride metabolism, **A1349**

Jejunum and ileum, transit and motility, feedback regulation by ileal infusion of glycochenodeoxycholic acid, **A1398**

——, biopsies from children with cystic fibrosis, absence of secretory response in, **A1356**

——, brush border membrane vesicles, characterisation of defective sodium coupled glucose transport in congenital glucose-galactose malabsorption using, **A1396**

——, glycochenodeoxycholic and glycocholic acid infusions in, inhibition of small bowel motility and transit by, **A1399**

——, HLA D/DR Ag expression in children with idiopathic protracted diarrhoea and circulating enterocyte antibodies, **A1355**

——, human, fluid secretion induced by 5-hydroxytryptamine, prostaglandin E2 mediation of, **A1396**

——, mucosal architecture in HIV infected male homosexuals, **A1399**

JENKINS, H R, *et al.*: Mechanisms of transport of sodium and chloride and the effects of short chain fatty acids in the human infant colon, **A1366**

JENKINS, S A, *et al.*: Effects of SMS 201-995 on reticuloendothelial system activity in rats with acute pancreatitis, **A1381**

JENKINSON, L R, *et al.*: Expression of normal ranges in 24 hour intra-oesophageal pH monitoring, **A1378**

——, *et al.*: Influence of hiatal hernia on oesophageal function, **A1377**

JOHNSTON, B J, *et al.*: The effect of vagotomy on *Campylobacter pyloridis*, **A1410**

JOHNSTON, D A, and WORMSLEY, K G: Food is bad for ulcers, **A1407**

JOHNSTON, P, *et al.*: Immunohistochemical analysis of cell kinetic parameters in colonic adenocarcinomas, adenomas, and normal colons, **A1368**

JONG, A J L DE, *et al.*: Studies using the CCK-receptor antagonist CR 1409 point to an important role for cholecystokinin in the stimulation of pancreatic enzyme secretion by bombesin and a meal, **A1381**

JUBY, L D, *et al.*: Lactulose/mannitol: an ideal screening test for coeliac disease?, **A1332**

KALRA, L, *et al.*: Open access fibresigmoidoscopy: a comparative audit of efficacy, **A1372**

KAMM, M A, *et al.*: Dynamic colonic scanning – defining the regional defect in severe idiopathic constipation, **A1365**

——, *et al.*: Experience of lateral puborectalis division for severe constipation, **A1364**

——, *et al.*: Is colectomy for severe idiopathic constipation a success?, **A1343**

KATSCHINSKI, B, *et al.*: Smoking and sugar intake are separate but interactive risk factors in Crohn's disease, **A1389**

——, *et al.*: Variations in the incidence and spatial distribution of patients with primary acute pancreatitis in the Nottingham defined population (1969–85), **A371**

KEATING, J J, *et al.*: Effects of prednisolone, sulphasalazine, 5-aminosalicylic acid and indomethacin on prostaglandin E2 and leucotriene B4 production, **A1390**

KEIGHLEY, M R B, and WINSLET, M C: Discrimination is not impaired by excision of the anal transitional zone after restorative proctocolectomy and ileo-anal anastomosis, **A1365**

KELLY, D A, *et al.*: Do we need to regrade postacute gastroenteritis?, **A1351**

——, *et al.*: Skeletal myopathy secondary to selenium deficiency, **A1354**

KELLY, S B, *et al.*: Use of CA-50 in the differential diagnosis of benign and malignant diseases of the stomach and oesophagus, **A1405**

KENNEDY, R H, and SARLES, H: Collagen quantification in chronic pancreatitis, **A372**

KERRIGAN, D D, *et al.*: Human antropyloroduodenal motor activity after intraduodenal acid infusion, **A1407**

KLINKENBERG-KNOL, E C, *et al.*: Longterm treatment with omeprazole in resistant refluxoesophagitis: effects on endoscopic healing and fasting serum gastrin levels, **A1379**

KREUNING, J, *et al.*: Effect of bombesin on serum trypsin after various forms of gastric surgery, **A1381**

KUMAR, D, *et al.*: Intestinal pseudo-obstruction: is manometry helpful?, **A1354**

Lactulose, caecal installation at surgery, portal and peripheral blood short chain fatty acid concentrations after, **A1355**

Lactulose/mannitol as screening test for coeliac disease, **A1332**

LAFERLA, G A, *et al.*: *In vivo* choledocholitholysis using methyl tertiary butyl ether, **A1360**

LAINE, L: Multipolar electrocoagulation in the treatment of ulcers with non-bleeding visible vessels: a prospective, controlled trial, **A1342**

LAMERS, C B H W, *et al.*: Value of the alkali infusion test in the diagnosis of reflux gastritis, **A1408**

Langerhans, islets of, human, purified, isolation for transportation, **A372**

LANZA, F, *et al.*: A single blind comparative study of misoprostol to sucralfate and placebo in the prevention of aspirin induced ulceration, **A1338**

LANZON-MILLER, S, *et al.*: 24 hour intragastric acidity and plasma gastrin concentration in healthy volunteers taking famotidine 40 mg nocte, **A1339**

LARVIN, M, and MCMAHON, M J: Illness scoring systems – improved precision for monitoring the progress of acute pancreatitis?, **A1382**

——, ——: Serial objective measurement of severity in acute pancreatitis, **A369**

——, *et al.*: Pharmacokinetic study of intraperitoneal antiprotease therapy, **A367**

Laser doppler assessment of gastric blood flow, **A1403**

——photocoagulation, Nd-YAG, in treatment of gastric vascular ectasia, **A1370**

——therapy, Nd-YAG, in gastric and duodenal malignancies, **A1374**

——— ——— or intubation for palliation of malignant dysphagia, **A1358**

Lectin assay, enzyme linked. *See* Enzyme linked lectin assay

——— histochemistry in pancreatic carcinoma, **A369**

Lectins, damage to brush border membrane induced by, investigation with organ culture, **A1397**

LEESE, T, *et al.*: Fresh frozen plasma in the treatment of acute pancreatitis – a multicentre prospective clinical trial, **A367**

Leucocytes, ^{111}Indium-labelled, scanning with, in diagnosis of occult intra-abdominal sepsis, early *v* late scanning in, **A1403**

———, Tc 99m HMPAO labelled, in diagnosis and assessment of inflammatory bowel disease, **A1328, A1389**

Leucotriene B4 and prostaglandin E2 production, effects of prednisolone, sulphasalazine, 5-aminosalicylic acid and indomethacin, **A1390**

——— C4, increased formation in *Campylobacter pyloridis*-associated gastritis, **A1405**

——— synthesis and damage in rat gastric mucosa induced by ethanol, BW755C inhibition of, **A1334**

Leukoplakia, anal, **A1368**

LEUNG, J W C, *et al.*: Endoscopic management of large (>2 cm) CBD stone associated with recurrent pyogenic cholangitis, **A1371**

———, *et al.*: Randomised controlled assessment of endoscopic adrenaline injection for actively bleeding ulcers, **A1402**

———, *et al.*: Role of early ERCP and sphincterotomy in acute biliary pancreatitis, **A1384**

———, *et al.*: Urgent endoscopic drainage in acute suppurative cholangitis, **A1384**

Levator ani muscles, importance in defecation, **A1362**

LINEHAN, I P, and RUSSELL, R C G: Design of a pancreatic surgery database, **A372**

———, ———: Follow up of accessory sphincteroplasty for chronic pancreatitis associated with pancreas divisum, **A368**

LINSELL, J C, *et al.*: Manometric findings in patients with the globus sensation, **A1378**

Lipid incorporation into soup or main course, different effects on gastric emptying and nutrient absorption, **A1350**

——— solutions for nutritional support in fulminant hepatic failure, safety of, **A1347**

Lipids, biliary, and gall stone dissolution, responses to combined chenodeoxycholic acid and ursodeoxycholic acid treatment, **A1360**

Liver cell(s). *See* Hepatocyte(s)

——— disease, alcohol misuse in, mitochondrial aspartate aminotransferase as marker for, **A1349**

——— ——— with copper retention, metallothionein and copper in, histopathological study, **A1348**

———, distribution of calcitonin gene related peptide- and substance P-containing nerves in, immunohistochemical study, **A1330**

——— failure, fulminant, increased cerebral blood flow in, management of, **A1330**

——— ———, ———, nutritional support in, safety of lipid solutions for, **A1347**

——— metastases, development of, changes in hepatic haemodynamics with, **A1330**

——— ———, growth and development of, effect of SMS 201-995, **A1350**

———, normal, and primary biliary cirrhosis, sulphation and desulphation in, **A1345**

——— transplantation, cellular chemotaxis to bile after, **A1329**

——— ——— for fulminant hepatic failure, **A1345**

——— ———, massive haemorrhagic necrosis of liver after, **A1344**

——— ———, primary biliary cirrhosis before and after, circulating osteocalcin as index of bone turnover in, **A1345**

——— volume, blood flow and perfusion, fall in aging man as explanation for altered drug metabolism in elderly, **A1347**

LODGE, J P A, *et al.*: Surgical management of bleeding oesophageal varices: Warren shunt versus lienorenal shunt – 15 years' experience, **A1386**

LOFT, D E, *et al.*: Coeliac sprue: the sequence of immunopathological events after rectal gluten challenge, **A1392**

———, *et al.*: Comparative value of tests for small intestinal bacterial overgrowth, **A1351**

LONDON, N J M, *et al.*: Serial computed tomography scanning in acute pancreatitis, **A369**

LUCEY, M R, *et al.*: Fat is a luminal stimulus for gastric somatostatin release, **A1331**

———, *et al.*: Gastric acid regulates postprandial somatostatin release in man, **A1331**

LUNDELL, L, *et al.*: Omeprazole or ranitidine in the treatment of reflux oesophagitis – result from a double blind, randomised, Scandinavian multicentre study, **A1375**

Lung permeability in inflammatory bowel disease and coeliac disease, **A1336**

Lymphocyte populations in portal tract in primary sclerosing cholangitis, **A1330**

Lymphocytes and macrophages, subpopulations in granulomata of Crohn's disease, **A1388**

———, colonic, subpopulations in inflammatory bowel disease, **A1388**

———. *See also* T cell(s)

Maalox TC tablets and ranitidine in healing of duodenal ulcer, comparative multicentre study, **A1337**

MCCOLL, K E L, *et al.*: Haem arginate therapy for acute hepatic porphyria, **A1347**

MCCORMACK, P A, *et al.*: Carbohydrate meals increase hepatic venous pressure gradient in cirrhotics who have bled from oesophageal varices, **A1348**

MCCORMICK, P A, *et al.*: Effect of continued alcohol consumption on bleeding and mortality after variceal haemorrhage, **A1386**

MACDONALD, T T, and SPENCER, J: Induction of enteropathy by activated T cells in human small intestine, **A1334**

MCENTEE, G P, *et al.*: Current spectrum of intestinal obstruction, **A1372**

———, *et al.*: Prospective study of alcohol induced pancreatitis: social and surgical aspects, **A371**

MCFADDEN, J J, *et al.*: Use of cloned DNA probes to identify Crohn's disease microbial isolates, **A1328**

MACGILCHRIST, A J, *et al.*: Is sympathetic activity really increased in cirrhosis with ascites?, **A1394**

———, *et al.*: Is the reduced vascular tone in cirrhosis caused by 'desensitisation' to sympathetic nervous activity?, **A1349**

MACGOWAN, S W, *et al.*: Experimental pancreatitis: the effect of allopurinol, **A368**

MCINTYRE, A S, *et al.*: Human upper gastrointestinal transit and carbohydrate absorption are modulated by beta-adrenoreceptors, **A1396**

———, *et al.*: Palliation of malignant oesophageal strictures: preliminary comparison of Atkinson tube and ACMI tumour probe in two centres, **A1380**

MCKEE, R K, *et al.*: SMS 201-995 in the management of variceal bleeding, **A1380**

MCLAUCHLAN, G, *et al.*: Effect of omeprazole on postprandial gastric and duodenal pH in exocrine pancreatic insufficiency, **A1340**

Macrophages and lymphocytes, subpopulations in granulomata of Crohn's disease, **A1388**

MAHIDA, Y R, *et al.*: Macrophage and lymphoid subpopulations in the granulomata of Crohn's disease, **A1388**

MAHONY, M J, *et al.*: Campylobacter associated gastritis in children, **A1357**

MAIN, J, *et al.*: Milk antibodies and circulating immune complexes in inflammatory bowel disease, **A1387**

Malignancy, gastroduodenal, Nd-YAG laser therapy in, **A1374**

———, hepatobiliary and pancreatic, cytological diagnosis of, **A1401**

——— in Barrett's oesophagus, early detection of change to, value of endoscopic surveillance in, **A1379**

——— ——— ——— ———, risk factors for, **A1379**

MARSTON, J E, *et al.*: Desmosomes and human colorectal cancer, **A1368**

MARTIN, D F, *et al.*: Stone extraction after endoscopic sphincterotomy – an active policy is best, **A1360**

MATTHEWSON, K, *et al.*: Randomised comparison of Nd YAG laser, heater probe and no endoscopic therapy for bleeding peptic ulcer, **A1342**

Meal temperature, effect on gastric emptying of liquids, **A1407**

Measles virus infection, persistent, due to defective measles virus antigen expression in autoimmune chronic active hepatitis, **A1346**

MELEAGROS, L, *et al.*: Acute intestinal ischaemia: differential response of gut neuropeptides, **A1334**

——, *et al.*: Mouth-to-caecum transit time in man is reduced by a novel serotonin M-receptor antagonist, **A1373**

MERKI, H, *et al.*: Dose dependent inhibition of twenty four hour intragastric acidity by WY-45,727 a new potent H2-receptor antagonist, **A1339**

MERTZ-NIELSEN, A, *et al.*: Acidification of the perfused human stomach during muscarinic-M_1-receptor blockade stimulates gastric prostaglandin E_2 output, **A1411**

Metallothionein and copper in liver disease with copper retention, histopathological study, **A1348**

Methane and hydrogen, intracolonic concentrations in patients, **A1370**

Methyl tertiary butyl ether for common bile duct stones, dissolution without radiological disappearance after, **A1385**

————————, *in vivo* choledocholitholysis using, **A1360**

N-Methyl-N′-nitro-N-nitrosoguanidine induction of changes in rat and human pepsinogen phenotypes, **A1332**

Metoclopramide for arrest of active bleeding from varices, trial of, **A1380**

Microbial isolates in Crohn's disease, identification with cloned DNA probes, **A1328**

MIGNON, M, *et al.*: Synthetic secretin secretolin: an adequate substitute to GIH natural secretin for secretin provocation test in Zollinger-Ellison syndrome, **A1407**

MIKE, N, *et al.*: A specific small bowel enema appearance in nonresponsive coeliac disease, **A1352**

Milk antibodies and circulating immune complexes in inflammatory bowel disease, **A1387**

MILLER, A, *et al.*: Diarrhoea is related to fat malabsorption and partial villous atrophy in HIV infection in male homosexuals, **A1353**

MILLER, G, *et al.*: Smoking delays gastric emptying of solids, **A1406**

MILLER, R, *et al.*: Anorectal sensation: its role in the continence mechanism, **A1361**

——, *et al.*: Consumer guide to anal manometry: a comparison of microtransducer, water and air filled microballoon systems, **A1361**

——, *et al.*: The sampling reflex: a comparison of normal and incontinent patients, **A1361**

MIRAKIAN, R, *et al.*: HLA D/DR Ag expression in the jejunum of children with idiopathic protracted diarrhoea and circulating enterocyte antibodies, **A1355**

Misoprostol and sucralfate in prevention of aspirin induced ulceration, comparative study, **A1338**

Mitochondrial aspartate aminotransferase as marker for alcohol misuse in patients with liver disease and controls, **A1349**

MORGAN, A G, *et al.*: Enprostil – an advance in gastric ulcer therapy?, **A1336**

MORIARTY, K J, *et al.*: Atrial natriuretic peptide influences electrolyte transport in the large intestine, **A1396**

MORRIS, D L, *et al.*: Longterm results of albendazole therapy of hydatid disease: clinical and experimental results, **A1385**

MOUNTFORD, R, *et al.*: Effect of treatment with famotidine on T-lymphocyte populations and activity in duodenal ulcer patients, **A1338**

Mouth-to-caecum transit time in man, reduction by ICS 205-930, **A1373**

Mucosa(l). *See under* Bronchial; Colon; Duodenum; Gastric; Gastroduodenal; Ileum; Jejunum

Mucosal injury, protective action of sucralfate against, influenced by pH?, **A1338**

Mucous cells, vacuolated, subnuclear, gastric and duodenal, **A1408**

Mucus glycoprotein biosynthesis, changes at tumour site in gastric cancer, **A1332**

———— synthesis and secretion *in vitro* by gastric mucosa colonised with *Campylobacter pyloridis*, **A1409**

'Mucus-bicarbonate' barrier, gastroduodenal, effect of indomethacin, **A1411**

MULLER, C, *et al.*: Clinical results 10 years after proximal gastric vagotomy, **A1404**

MUNCK, L K, *et al.*: Prostaglandin E_2 is a mediator of 5-hydroxytryptamine induced fluid secretion in the human jejunum, **A1396**

MURPHY, M S, and EASTHAM, E J: Peptic ulcer in childhood: the longterm prognosis, **A1357**

Muscarinic-M_1-receptor blockade, acidification of perfused human stomach during, gastric prostaglandin E_2 output stimulated by, **A1411**

MUTIMER, D, *et al.*: A medical/surgical team approach to the management of acute bleeding varices, **A1386**

Myopathy, skeletal, secondary to selenium deficiency, **A1354**

——, visceral, familial, **A1399**

NAIK, K S, *et al.*: The 'acid antrum' as a possible cause of recurrent ulceration after highly selective vagotomy: a histological study, **A1411**

——, *et al.*: Basal and stimulated plasma gastrin in duodenal ulceration: correlation with failure of H_2 receptor antagonists and with recurrent ulceration after highly selective vagotomy, **A1374**

Neodymium-YAG laser photocoagulation in treatment of gastric vascular ectasia, **A1370**

———— therapy in gastric and duodenal malignancies, **A1374**

Neoplasia, colonic, suspected, open access colonoscopy as single investigation for, **A1371**

——, colorectal, left sided colonoscopy as screening procedure in asymptomatic volunteers $\geq$45 years for, **A1367**

Neoplasms, intrahepatic, interstitial hyperthermia as new therapy for, **A1350**

Neoplastic lesions detected at colonoscopy, diagnosis of, histology and cytology compared for, **A1343**

NEOPTOLEMOS, J P, *et al.*: Multivariate analysis of risk factors in patients undergoing surgery and/or endoscopic sphincterotomy for common bile duct stones, **A1383**

——, *et al.*: Outcome of patients with acute cholangitis and acute pancreatitis, **A369**

Neurological disorders, cisapride and gastroesophageal reflux in children with and without, **A1376**

Neuropathy, pelvic floor, sensorimotor, comparison of diabetes mellitus and idiopathic faecal incontinence for, **A1363**

Neuropeptides in gut, differential response in acute intestinal ischaemia, **A1334**

Neutrophils, superoxide production induced by acetaldehyde, penicillamine and cysteine inhibition of, **A1331**

NEWELL, S J, *et al.*: Gastro-oesophageal reflux in the preterm infant, **A1357**

Nicardipine, effect on anorectal function in normal controls and irritable bowel syndrome patients, **A1364**

NICHOLLS, R J, *et al.*: Internal anal sphincter function in neurogenic faecal incontinence, **A1364**

Nizatidine, effect on gastric pH optimised by early evening meal with drug, **A1339**

NOTT, D M, *et al.*: Changes in the hepatic haemodynamics with the development of liver metastases, **A1330**

——, *et al.*: Effect of SMS 201-995 on the growth and development of hepatic metastases, **A1350**

Nutrition. *See* Enteral nutrition; Parenteral nutrition

Nutritional support in fulminant hepatic failure, safety of lipid solutions for, **A1347**

NZEGWU, H, *et al.*: Effects of starvation and refeeding on electrogenic ion transport in the rat colon: a model for famine diarrhoea?, **A1395**

Obesity, morbid, gastroplasty for, evaluation of nutritional effects and surgical risks during 2 year study after, **A1351**
O'CONNOR, H J, *et al.*: Oesophageal cytology and biopsy: before or after dilatation?, **A1379**
O'CONNOR, M P, *et al.*: H_2- or ^{14}C-breath tests in the diagnosis of small intestinal bacterial overgrowth?, **A1353**
Oddi, sphincter of. *See* Sphincter of Oddi
O'DONNELL, L J, *et al.*: Bread is digested more slowly and incompletely if made from coarse flour, **A1352**
Oesophageal varices. *See* Varices, oesophageal
—— ——, bleeding. *See* Variceal haemorrhage, oesophageal
Oesophagitis, complicated, acid reflux patterns in, **A1376**
——, erosive, refractory to high dose cimetidine, value of omeprazole in management of, **A1375**
——, H_2 antagonists in, response predicted by physiological studies?, **A1358**
——, reflux, healing and relapse after treatment with omeprazole 20 mg or 40 mg daily, **A1376**
——, ——, omeprazole or ranitidine in treatment of, Scandinavian multicentre study, **A1375**
——, ——, resistant, longterm treatment with omeprazole in, effects on endoscopic healing and fasting serum gastrin levels, **A1379**
——, ——, treatment of, comparison of Asilone gel and Gaviscon liquid for, **A1376**
——, ——, —— with prostaglandin analogue (trimoprostil), **A1358**
Oesophagus and stomach, benign and malignant diseases of, CA-50 in differential diagnosis of, **A1405**
——, Barrett's, malignancy in, risk factors for, **A1379**
——, ——, malignant change in, early detection of, value of endoscopic surveillance in, **A1379**
——, carcinoma of, intra-abdominal metastases for, detection of, laparoscopy, ultrasound or CT for?, **A1378**
——, —— ——, survival in, factors influencing, **A1358**
——, cytology and biopsy, better before or after dilatation?, **A1379**
——, function, influence of hiatal hernia, **A1377**
——, motility disorders, manometric interpretation of oesophageal egg transit test as screening test for, **A1358**
——, pH, and gastric pH, monitoring of, ambulatory, 24 hour, simultaneous, clinical applications of, **A1377**
——, —— monitoring, 24 hour, expression of normal ranges in, **A1378**
——, responses to distension, effects of cisapride, **A1377**
——, stricture dilatation with bougies and balloons, radial pressures during, **A1370**
——, strictures of, benign, transthoracic colon interposition for, **A1378**
——, —— ——, malignant, palliation of, comparison of Atkinson tube and ACMI tumour probe in 2 centres, **A1380**
——, transit in patients with dysphagia, improvement by cisapride, results of trial, **A1377**
O'FARRELLY, C, *et al.*: Wheat protein, gut abnormalities and rheumatoid arthritis, **A1398**
O'MAHONY, S, and WHELTON, M J: Immunofluorescent and genetic studies of coeliac relatives of patients with dermatitis herpetiformis: does sub-clinical DH exist?, **A1352**
Omeprazole and ranitidine in treatment of benign gastric ulcer, international multicentre study, **A1340**
——, effect on postprandial gastric and duodenal pH in exocrine pancreatic insufficiency, **A1340**
—— improvement of antral gastritis associated with duodenal ulcer, **A1340**
—— in management of erosive oesophagitis refractory to high dose cimetidine, value of, **A1375**
—— or rantidine in treatment of reflux oesophagitis, Scandinavian multicentre study, **A1375**
—— treatment, longterm, in resistant reflux oesophagitis, effects on endoscopic healing and fasting serum gastrin levels, **A1379**
—— ——, ——, serum gastrin concentrations and gastric endocrine cell population during, **A1341**
—— 20 mg om and ranitidine 150 mg bd in healing of benign gastric ulcers, Italian multicentre study, **A1341**
—— —— —— or 40 mg daily, healing and relapse of reflux oesophagitis after treatment with, **A1376**
—— *v* ranitidine for duodenal ulcer, with weekly endoscopic assessment, **A1340**
—— —— —— in duodenal ulcer unhealed after 6 weeks' treatment with H2-receptor antagonists, **A1341**
Oncogene product, C-myc, expression in benign and malignant gastric epithelia, **A1404**
Osteocalcin, circulating, as index of bone turnover in primary biliary cirrhosis pre- and post-liver transplantation, **A1345**
Oxygen free radicals, zymogens of human pancreatic proteases not activated by, **A1394**

Pain, biliary, acalculous, computer history analysis in, **A1383**
——, ——, ——, sphincter of Oddi motility in, **A1384**
—— relief, postoperative, with diclofenac suppositories, **A1397**
Pancreas, carcinoma of, diagnosis of, serum markers and clinical data in, **A370**
——, —— ——, enzyme linked lectin assay compared with RIA CA19-9 as serum test for, **A1401**
——, —— ——, glycoprotein marker for, new, carbohydrate sequencing of, **A1394**
——, —— ——, —— related to, new, identification in serum by electrophoresis and lectin blotting, **A372**
——, —— ——, interstitial hyperthermia for treatment of, experimental studies, **A1382**
——, —— ——, lectin histochemistry in, **A369**
——, exocrine function, prediction by faecal chymotrypsin in infants and children, **A1400**
——, function test, oral, simplified and accurate, for use in children, **A1356**
——, morphological changes, suggesting endocrine regeneration, induced by transplantation of isolated hepatocytes, **A1400**
——, resection using banding technique, long term experience of, **A368**
——, surgery of, database for, design of, **A372**
Pancreas divisum, chronic pancreatitis associated with, accessory sphincteroplasty for, follow up of, **A368**
Pancreatic and hepatobiliary malignancy, cytological diagnosis of, **A1401**
—— disorders, endoscopic ultrasound of, **A1382**
—— enzyme secretion, stimulation by bombesin and meal, role of cholecystokinin in, studied with CR 1409, **A1381**
—— insufficiency, exocrine, postprandial gastric and duodenal pH in, effect of omeprazole, **A1340**
—— ——, non-isotopic test (PAS/PABA excretion ratio) for, with differentiation from small bowel malabsorption, **A1382**
—— proteases, human, zymogens of, not activated by oxygen free radicals, **A1394**
Pancreatic Society of Great Britain and Ireland: 11th Annual Meeting, **A367**
Pancreaticobiliary diversion, adaptive ileal mucosal hyperplasia in rat after, inhibition by difluoromethyl-ornithine, **A1394**
Pancreatitis, acute, biliary aetiology in, early diagnosis of, **A370**
——, ——, fresh frozen plasma in treatment of, intravenous or intraperitoneal?, **A1382**
——, ——, —— —— —— —— —— ——, multicentre clinical trial, **A367**
——, ——, primary, incidence and spatial distribution of patients in Nottingham defined population, variations in (1969–85), **A371**
——, ——, prognostic criteria in, critical evaluation, **A368**
——, ——, progress of, illness scoring systems for monitoring of, evaluation of, **A1382**
——, ——, reticuloendothelial system activity in rats with, effects of SMS 201-995, **A1381**
——, ——, risk of death from, **A370**
——, ——, serial computed tomography scanning in, **A369**
——, ——, severe, colonic complications of, **A371**

——, ——, severity of, serial objective measurement of, **A369**

——, ——, with acute cholangitis, outcome in, **A369**

——, biliary, acute, role of early ERCP and sphincterotomy in, **A1384**

——, chronic, associated with pancreas divisum, accessory sphincteroplasty for, follow up of, **A368**

——, ——, autoimmunity and HLA in, **A371**

——, ——, collagen quantification in, **A372**

——, experimental, effect of allopurinol, **A368**

——, gall stone, sex differences in, **A1383**

—— induced by alcohol, social and surgical aspects of study, **A371**

——, necrotising, acute, specific intraperitoneal antiproteinase chemotherapy in, experimental study, **A367**

Para-aminosalicylic acid. *See* PAS

Parenteral nutrition, home, long term, worthwhile?, **A1399**

PARKER, M, *et al.*: Combination antimycobacterial chemotherapy with major clinical response in established Crohn's disease, **A1390**

PARR, N, *et al.*: Mechanisms governing the biphasic pattern of gastric emptying after truncal vagotomy and pyloroplasty, **A1332**

PAS/PABA excretion ratio as non-isotopic test for pancreatic insufficiency with differentiation from small bowel malabsorption, **A1382**

Pelvic and spinal nerve injury, intractable constipation associated with, action of cisapride on, **A1363**

—— cytology, intraoperative, patients at risk of developing local recurrence of colorectal cancer predicted by, **A1368**

—— floor neuropathy, sensorimotor, comparison of diabetes mellitus and idiopathic faecal incontinence for, **A1363**

PEMBERTON, P W, *et al.*: Electrophoretic analysis of microvillus membranes in coeliac disease, **A1335**

PEÑA, A S, *et al.*: A prospective study of *Campylobacter pyloridis* by bacteriology, histology, urease test, and serology (ELISA and immunoblotting), **A1408**

PENAGINI, R, *et al.*: Feedback regulation of transit and motility in the human jejunum and ileum by ileal infusion of glycochenodeoxycholic acid, **A1398**

——, *et al.*: Glycochenodeoxycholic and glycocholic acids infused in the human jejunum inhibit small bowel motility and transit, **A1399**

Penicillamine and cysteine inhibition of acetaldehyde induced superoxide production by neutrophils, **A1331**

PENSTON, J, *et al.*: Recurrence of duodenal ulcers during maintenance treatment, **A1375**

Pepsin synthesis in man, measurement using 1-^{13}C-leucine, **A1331**

Pepsinogen phenotypes, rat and human, changes induced by N-methyl-N′-nitro-N-nitrosoguanidine in, **A1332**

Pepsinogens, serum concentrations, effect of partial gastrectomy with Billroth-II and Roux-en-Y anastomosis, prospective study, **A1403**

Peptic ulcer, acute complications of, highly selective vagotomy in treatment of, **A1404**

———— and polyunsaturated fatty acid ingestion, evidence for direct relationship, **A1411**

————, bleeding, and aspirin, **A1401**

————, ——, comparison of Nd YAG laser, heater probe and no endoscopic therapy for, **A1342**

————, ——, intragastric fibrinolysis in, **A1402**

———— in childhood, longterm prognosis, **A1357**

Peptide histidine isoleucine. *See* PHI

Peptides and amino acids, orally administered, influence on protein turnover kinetics in short bowel syndrome, **A1397**

Personality in inflammatory bowel disease, primary or secondary to chronic illness?, **A1388**

Phenolphthalein, laxative action on intestinal fluid absorption, mechanism of, **A1336**

PHI and VIP, different effects on intestinal adenylate, **A1393**

PHILLIPS, A J, and LEATHARD, H L: Mechanism of laxative action of phenolphthalein fluid absorption, **A1336**

Phosphatidylcholine degradation in small intestinal bacterial overgrowth, **A1397**

Photocoagulation with Nd YAG laser in treatment of gastric vascular ectasia, **A1370**

Photodynamic therapy for colorectal cancer, **A1368**

Pirenzepine blockade, acidification of perfused human stomach during, gastric prostaglandin E$_2$ output stimulated by, **A1411**

Plasma, fresh frozen, in treatment of acute pancreatitis, multicentre clinical trial, **A367**

——, ————, therapeutic, in acute pancreatitis, intravenous or intraperitoneal?, **A1382**

Pneumatosis coli, breath hydrogen monitoring in, **A1366**

Polyposis coli, juvenile, as precancerous condition, **A1367**

Polyps, malignant, colonoscopic management of, audit of, **A1367**

POMARE, E W, *et al.*: Portal and peripheral blood short chain fatty acid concentrations after caecal lactulose installation at surgery, **A1355**

Porphyria, hepatic, acute, haem arginate therapy for, **A1347**

Portal hypertension and cirrhosis, portal haemodynamics in, effect of high and low protein meals, **A1349**

—— tract lymphocyte populations in primary sclerosing cholangitis, **A1330**

PORTINCASA, P, *et al.*: An integrated study of gall bladder motor function in gall stone patients, **A1395**

Potassium transport and sodium transport, colonic, differential effects of mineralocorticoid and glucocorticoid hormones, **A1335**

POWER, R F, *et al.*: Localisation of VIP binding sites in human and guinea pig gut using *in vitro* autoradiography, **A1333**

PRICHARD, P J, *et al.*: Aspirin and bleeding peptic ulcer, **A1401**

——, *et al.*: Fish oil for inflammatory bowel disease?, **A1391**

——, *et al.*: Gastric mucosal bleeding: what dose of aspirin is safe?, **A1401**

PRIMROSE, J N, *et al.*: Somatostatin analogue SMS 201-995 in the dumping syndrome: effect on packed cell volume, blood glucose and plasma GI peptides, **A1396**

Proctocolectomy and ileo-anal anastomosis, restorative, discrimination not impaired by excision of anal transitional zone after, **A1365**

——, restorative, outcome of, factors influencing, **A1365**

Propranolol and sclerotherapy for prevention of rebleeding from oesophageal varices, trial of, **A1359**

Prostaglandin E2 and leucotriene B4 production, effects of prednisolone, sulphasalazine, 5-aminosalicylic acid and indomethacin, **A1390**

———— mediation of 5-hydroxytryptamine induced fluid secretion in human jejunum, **A1396**

———— output, gastric, stimulation by acidification of perfused human stomach during muscarinic-M$_1$-receptor blockade, **A1411**

—— analogues. *See* Trimoprostil

Protein meals, high and low, effect on portal haemodynamics in cirrhosis and portal hypertension, **A1349**

—— turnover kinetics in short bowel syndrome, influence of orally administered amino acids and peptides, **A1397**

Puborectalis, lateral division of, for severe constipation, experience of, **A1364**

PUNTIS, J W L, *et al.*: Simplified and accurate oral pancreatic function test for use in children, **A1356**

PURI, P, *et al.*: Diagnosis of allied functional bowel disorders using monoclonal antibodies and electron microscopy, **A1373**

PYE, G, *et al.*: Effect of dietary fibre supplementation on colonic pH in healthy volunteers, **A1366**

——, *et al.*: Screening for colorectal cancer – an analysis of 132 tumours, **A1344**

Ranitidine and indomethacin, effect on gastric acidity, **A1373**

—— and intravenous BMY-25368-01, effect on meal stimulated gastric acid secretion in man, **A1339**

—— and Maalox TC tablets in healing of duodenal ulcer, comparative multicentre study, **A1337**

—— and omeprazole in treatment of benign gastric ulcer, international multicentre study, **A1340**

—— 150 mg bd and omeprazole 20 mg om in healing of benign gastric ulcers, Italian multicentre study, **A1341**

——or omeprazole in treatment of reflux oesophagitis, Scandinavian multicentre study, **A1375**
——*v* omeprazole for duodenal ulcer, with weekly endoscopic assessment, **A1340**
—————in duodenal ulcer unhealed after 6 weeks's treatment with H2-receptor antagonists, **A1341**
RAO, S S C, *et al.*: Enteral nutrition in severe colitis, **A1328**
——, *et al.*: Studies on the anorectal function in ulcerative colitis, **A1392**
Rectal prolapse, anterior mucosal prolapse, solitary rectal ulcer, caused by rectal herniation through weak sphincter?, **A1363**
——ulcer, solitary, syndrome of, rectopexy for, outcome predicted by videoproctography and anorectal physiology?, **A1361**
Rectum and colon, biopsies, histopathological assessment of, observer variation in, **A1389**
——, gluten challenge in coeliac sprue, sequence of immunopathological events after, **A1392**
Red blood cell scintigraphy, ^{99m}Tc-labelled, *in vivo*, role in lower gastrointestinal haemorrhage, **A1367**
REES, R G, *et al.*: Influence of orally administered amino acids and peptides on protein turnover kinetics in the short bowel syndrome, **A1397**
Reflux, acid, patterns in complicated oesophagitis, **A1376**
——, duodenogastric, continuous ambulatory monitoring with enzymatic amperometric bile acid electrode, *in vitro* feasibility study, **A1395**
——, ——, non-invasive assessment by ^{99}Tc^{m}-EHIDA/external imaging, validation of, **A1408**
——gastritis, diagnosis of, value of alkali infusion test in, and comparison with ^{99}Tc-HIDA test, **A1408**
——, gastrooesophageal, and cisapride in children with and without neurological disorders, **A1376**
——, ——, gastric adaptive relaxation in, **A1376**
——, ——, in preterm infant, **A1357**
——oesophagitis, healing and relapse after treatment with omeprazole 20 mg or 40 mg daily, **A1376**
————, omeprazole or ranitidine in treatment of, Scandinavian multicentre study, **A1375**
————, resistant, longterm treatment with omeprazole in, effects on endoscopic healing and fasting serum gastrin levels, **A1379**
————, treatment of, comparison of Asilone gel and Gaviscon liquid for, **A1376**
————, ——with prostaglandin analogue (trimoprostil), **A1358**
Reticuloendothelial system activity in rats with acute pancreatitis, effects of SMS 201-995, **A1381**
Rheumatoid arthritis, role of wheat protein and gut abnormalities in, **A1398**
RILEY, S A, *et al.*: A comparison of delayed-release 5-aminosalicylic acid and sulphasalazine as maintenance treatment of ulcerative colitis, **A1390**
——, *et al.*: Delayed-release 5-aminosalicylic acid and sulphasalazine in the treatment of mild to moderate ulcerative colitis relapse, **A1329**
Ritiometan, effect on food pseudo allergy, **A1352**
ROBERTSON, C S, *et al.*: Dysphagia for solids is a longterm effect of the Angelchik antireflux prosthesis, **A1378**
——, *et al.*: Value of endoscopic surveillance in the early detection of malignant change in Barrett's oesophagus, **A1379**
ROBERTSON, D A F, *et al.*: Defective measles virus antigen expression causes persistent MV infection in autoimmune chronic active hepatitis, **A1346**
——, *et al.*: H_2 antagonists in oesophagitis: can physiological studies predict the response?, **A1358**
——, *et al.*: Lung permeability in inflammatory bowel disease and coeliac disease, **A1336**
——, *et al.*: Patterns of acid reflux in complicated oesophagitis, **A1376**
——, *et al.*: Personality in inflammatory bowel disease: primary, or secondary to chronic illness?, **A1388**
ROBERTSON, J F R, *et al.*: Patients with ampullary carcinoma are prone to other malignant tumours, **A370**
RODDIE, M E, *et al.*: Diagnosing inflammatory bowel disease with Tc 99m HMPAO labelled leucocytes, **A1328**
RODRIGUES, C A, *et al.*: Familial visceral myopathy, **A1399**
ROEDIGER, W E W, and NANCE, S H: Inhibition of fatty acid oxidation as a cause of ulcerative colitis, **A1387**
ROGERS, J, *et al.*: Combined sensorimotor deficit in primary neuropathic faecal incontinence, **A1363**
——, *et al.*: Increased segmental activity and intraluminal pressures in the sigmoid colon of patients with the irritable bowel syndrome: a new manometric technique, **A1344**
——, *et al.*: Sensorimotor pelvic floor neuropathy: a comparison of diabetes mellitus and idiopathic faecal incontinence, **A1363**
ROGERS, M, *et al.*: Highly selective vagotomy in the treatment of acute complications of peptic ulcer, **A1404**
ROKKAS, T, *et al.*: Colloidal bismuth subcitrate (De-Nol) in non-ulcer dyspepsia: placebo controlled trial with particular reference to the role of *Campylobacter pyloridis*, **A1337**
Rotavirus infection, effect on water transport in infant mouse intestine *in vitro*, **A1334**
ROWE, P H, *et al.*: Restitution of colonic mucosa *in vitro*, **A1395**
RUMESSEN, J J, and GUDMAND-HØYER, E: Fructose and sorbitol malabsorption in patients with functional bowel disease, **A1372**

Sacral nerve, anterior, root stimulation, proximal extent and differential effects on colonic motility, **A1363**
SANDLE, G I, and MCGLONE, F: Differential effects of pure mineralocorticoid and glucocorticoid hormones on colonic Na+ and K+ transport, **A1335**
——, ——: Segmental variability of electrogenic Na+ transport in human colon, **A1335**
SATO, M, *et al.*: Effects of vitamin E deficiency on small intestinal transport function, **A1354**
SAVERYMUTTU, S H, *et al.*: Ultrasound identification of oesophageal varices – comparison with endoscopy, **A1359**
SCHLUP, M, *et al.*: Breath hydrogen monitoring in *Pneumatosis coli*, **A1366**
SCHUERER-MALY, C-C, *et al.*: Smoking and pH-response to H_2-receptor antagonists, **A1406**
Scintigraphy, red blood cell, ^{99m}Tc-labelled, *in vivo*, role in lower gastrointestinal haemorrhage, **A1367**
Sclerotherapy and propranolol for prevention of rebleeding from oesophageal varices, trial of, **A1359**
——, endoscopic, and transhepatic embolisation in patients with severe cirrhosis and acute variceal bleeding, trial of, **A1348**
Secretin provocation test in Zollinger-Ellison syndrome, synthetic secretin secretolin as substitute for GIH natural secretin in, **A1407**
SELDEN, C, and HODGSON, H J F: Synergism of hepatotropin, a novel hepatotrophic factor, and insulin on DNA in rat hepatocytes, **A1393**
Selenium deficiency, skeletal myopathy secondary to, **A1354**
Sensorimotor deficit, combined, in primary neuropathic faecal incontinence, **A1363**
Sepsis, anorectal, fistulae in, relevance of microbiology and necessity of repeat examination under anaesthesia, **A1369**
——, intra-abdominal, occult, diagnosis with ^{111}Indium labelled leucocyte scanning, early *v* late scanning in, **A1403**
Septic complications, acute, of diverticular disease, survival improved by radical approach in, **A1343**
Serotonin M-receptor antagonists. *See* ICS 205-930
Sex and age dependence of enterochromaffin-like cell populations, **A1410**
——differences in gall stone pancreatitis, **A1383**
SHARP, J F, *et al.*: Role of *in vivo* technetium labelled red blood cell scintigraphy in lower gastrointestinal haemorrhage, **A1367**
SHIRAZI-BEECHEY, S P, *et al.*: Preparation of osmotically active brush border membrane vesicles from biopsy samples of human small intestine, **A1333**

SHORROCK, C J, and REES, W D W: Effect of indomethacin on human gastroduodenal 'mucus-bicarbonate' barrier, **A1411**
——, *et al.*: Effect of bismuth subcitrate on gastric bicarbonate secretion *in vitro* and in man, **A1342**
SHORVON, P J, *et al.*: Defecographic findings in young healthy volunteers, **A1361**
——, *et al.*: Endoscopic ultrasound of pancreatic disorders, **A1382**
Sigmoid colon in irritable bowel syndrome, increased segmental activity and intraluminal pressures in, recorded with new manometric technique, **A1344**
Skeletal myopathy secondary to selenium deficiency, **A1354**
SMART, H L, and ATKINSON, M: Abnormal vagal function in the irritable bowel syndrome, **A1344**
——, ——: Comparison of Asilone gel and Gaviscon liquid in the treatment of reflux oesophagitis, **A1376**
——, *et al.*: Treatment of reflux oesophagitis with a prostaglandin analogue, **A1358**
SMITH, J A, and LONG, R G: Different effects of VIP and PHI on intestinal adenylate, **A1393**
——, *et al.*: Use of endoscopic biopsies to diagnose disaccharidase deficiencies, **A1398**
Smoking and pH response to H_2-receptor antagonists, **A1406**
——and sugar intake in Crohn's disease, separate but interactive risk factors, **A1389**
——, gastric emptying of solids delayed by, **A1406**
——, mucosal gastrin and gastric acid secretion in duodenal ulcer affected by, **A1374**
SMS 201-995, effect on growth and development of hepatic metastases, **A1350**
————, effects on reticuloendothelial system activity in rats with acute pancreatitis, **A1381**
————in dumping syndrome, effect on packed cell volume, blood glucose and plasma GI peptides, **A1396**
————in management of variceal bleeding, **A1380**
SNOOK, J A, *et al.*: Portal tract lymphocyte populations in primary sclerosing cholangitis, **A1330**
Sodium and chloride transport mechanisms and effects of short chain fatty acids in human infant colon, **A1366**
——transport and potassium transport, colonic, differential effects of pure mineralocorticoid and glucocorticoid hormones, **A1335**
————, electrogenic, in colon, segmental variability of, **A1335**
Somatostatin release, gastric, fat as luminal stimulus for, **A1331**
————, postprandial, in man, gastric acid regulation of, **A1331**
Sorbitol and fructose malabsorption in functional bowel disease, **A1372**
——malabsorption in normal and coeliac subjects, **A1353**
Sphincter, anal, internal, function in neurogenic faecal incontinence, **A1364**
——, ——, weak, rectal herniation through, rectal prolapse, anterior mucosal prolapse, solitary rectal ulcer caused by?, **A1363**
——of Oddi dysfunction, quantitative 99m-Tc DISIDA scanning in, **A1381**
——————motility in acalculous biliary pain, **A1384**
Sphincteroplasty, accessory, for chronic pancreatitis associated with pancreas divisum, follow up of, **A368**
Sphincterotomy and early ERCP, role in acute biliary pancreatitis, **A1384**
——, endoscopic, for common bile duct calculi in patients with gall bladder *in situ* unfit for surgery, **A1371**
——, ——, stone extraction after, active policy for, **A1360**
SPILLER, R C, *et al.*: Segmental colonic transit in ulcerative colitis – effect of Asian versus Caucasian diet, **A1366**
Spinal and pelvic nerve injury, intractable constipation associated with, action of cisapride on, **A1363**
SPRENGERS, D, *et al.*: Biphasic diurnal pattern of onset of bleeding from oesophageal varices, **A1380**
——, *et al.*: Is bleeding time a useful test in cirrhotic patients?, **A1348**
Sprue, coeliac, rectal gluten challenge in, sequence of immunopathological events after, **A1392**
SRAI, S K S, *et al.*: Developmental changes in the villous uptake of iron and enterocyte iron binding proteins in the guinea pig duodenum, **A1333**
Starch absorption, inhibition by dietary fibre, **A1354**
STARKEY, W G, *et al.*: Effect of rotavirus infection on water transport in infant mouse intestine *in vitro*, **A1334**
STEGER, A C, *et al.*: Experimental studies on interstitial hyperthermia for treating pancreatic cancer, **A1382**
——, *et al.*: Gastrointestinal bleeding from other sources in patients with colonic angiodysplasia, **A1355**
——, *et al.*: Interstitial hyperthermia – a new therapy for intrahepatic neoplasms, **A1350**
STOKER, D L, and WILLIAMS, J G: Enterohepatic circulation patterns in man, **A1385**
STOKES, M A, *et al.*: Is long term home parenteral nutrition worthwhile?, **A1399**
——, *et al.*: Studies on the genesis of colic, **A1372**
Stomach and oesophagus, benign and malignant diseases of, CA-50 in differential diagnosis of, **A1405**
——, human, perfused, acidification during muscarinic-M_1-receptor blockade, gastric prostaglandin E_2 output stimulated by, **A1411**
——. *See also* Gastric
Stones. *See* Calculi
Strictureplasty for Crohn's disease, 9-year experience, **A1329**
Substance P and calcitonin gene related peptide, nerves containing, distribution in liver, immunohistochemical study, **A1330**
Sucralfate and misoprostol in prevention of aspirin induced ulceration, comparative study, **A1338**
——, protective action against mucosal injury, influenced by pH?, **A1338**
——*v* cimetidine for treatment of duodenal ulcer associated antral gastritis, **A1338**
Sugar intake and smoking in Crohn's disease, separate but interactive risk factors, **A1389**
Sulphasalazine and 5-aminosalicylic acid, delayed-release, in treatment of mild to moderate ulcerative colitis relapse, **A1329**
——as maintenance treatment for ulcerative colitis, comparison with delayed-release 5-aminosalicylic acid, **A1390**
Sulphation and desulphation in normal liver and primary biliary cirrhosis, **A1345**
SUN, W M, and READ, N W: Rectal prolapse, anterior mucosal prolapse, solitary rectal ulcer: are they caused by rectal herniation through a weak sphincter?, **A1363**
——, *et al.*: Effect of meal temperature on gastric emptying of liquids in man, **A1407**
——, *et al.*: Effect of nicardipine on anorectal function in normal controls and IBS patients, **A1364**
SUNDERLAND, G T, *et al.*: Computer history analysis in acalculous biliary pain, **A1383**
——, *et al.*: Gall bladder motility in the presence of gall stones, **A1360**
——, *et al.*: Sphincter of Oddi motility in acalculous biliary pain, **A1384**
Superoxide production by neutrophils induced by acetaldehyde, penicillamine and cysteine inhibition of, **A1331**
SURGICAL RESEARCH SOCIETY 'COLON CLUB': National audit of complicated diverticular disease, **A1343**
Sympathetic nervous activity, 'desensitisation' to, reduced vascular tone in cirrhosis caused by?, **A1349**
——————, increased in cirrhosis with ascites?, **A1394**

T cell populations and activity in duodenal ulcer, effect of famotidine treatment, **A1338**
——cells, activated, induction of enteropathy in human small intestine by, **A1334**
TALBOT, I C, *et al.*: The histopathology and staging of carcinoma of the ampulla of Vater, **A1400**
TAM, P K H: Paediatric upper GI endoscopy – an experience of 531 cases, **A1370**
——: Pathophysiology of childhood duodenal ulcer, **A1357**

Tamoxifen, adjuvant, in treatment of gastric carcinoma, controlled study, **A1404**

TATE, J J T, *et al.*: Histology and cytology compared for the diagnosis of neoplastic lesions detected at colonoscopy, **A1343**

TAYLOR, C J, *et al.*: Absence of secretory response in jejunal biopsies from children with cystic fibrosis, **A1356**

TAYLOR, D, *et al.*: Combination chemotherapy in hydatid disease, **A1346**

TAYLOR, T V, and BLOWER, A L: Isolated duodenal tamponade in the treatment of bleeding duodenal ulcer, **A1373**

Temperature of meal, effect on gastric emptying of liquids, **A1407**

TERRY, T R, *et al.*: Specific intraperitoneal antiproteinase chemotherapy in acute necrotising pancreatitis: an experimental study, **A367**

THEODOSSI, A, *et al.*: Observer variation in the histopathological assessment of rectal and colonic biopsies, **A1389**

THOMPSON, I W, *et al.*: Gastric and duodenal subnuclear vacuolated mucous cells, **A1408**

Thyroid function as prognostic indicator in cirrhosis, **A1386**

Tobramycin, oral, outcome of acute ulcerative colitis improved by, **A1390**

Tomography, computed. *See* Computed tomography

——, potential, applied, for non-invasive measurement of gastric emptying, **A1410**

Transhepatic embolisation and endoscopic sclerotherapy in patients with severe cirrhosis and acute variceal bleeding, trial of, **A1348**

Transplantation of isolated hepatocytes, morphological changes in pancreas, suggesting endocrine regeneration, induced by, **A1400**

—— of liver. *See* Liver transplantation

Transplants, small bowel, successful, in rat, denervation prime cause of reduced water absorption in, **A1335**

Triglyceride metabolism, effect of obstructive and hepatocellular jaundice, **A1349**

Trimoprostil treatment of reflux oesophagitis, **A1358**

Tripotassium dicitrato bismuthate. *See* De-Nol

Trypsin, serum levels after various forms of gastric surgery, effect of bombesin, **A1381**

TUDOR, R G (for Surgical Research Society 'Colon Club'): National audit of complicated diverticular disease, **A1343**

Tumours, endocrine, in ARG-vasopressin/simian virus 40 large T antigen transgenic mice, model for human multiple endocrine neoplasia type I syndrome?, **A1393**

Ulcer. *See under* Duodenum; Gastric; Peptic; Rectal

Ulceration induced by aspirin, prevention of, comparative study of misoprostol and sucralfate in, **A1338**

——, recurrent, after highly selective vagotomy, 'acid antrum' as possible cause of, histological study, **A1411**

Ulcers, bleeding, active, endoscopic adrenaline injection for, controlled assessment, **A1402**

——, ——, standard, blood loss from, effect of submucosal adrenaline, **A1402**

—— with non-bleeding visible vessels, multipolar electrocoagulation in treatment of, trial of, **A1342**

Ultrasound, endoluminal, in benign anorectal disease, **A1369**

——, endoscopic, of pancreatic disorders, **A1382**

—— identification of oesophageal varices, comparison with endoscopy, **A1359**

Urea, oral, in treatment of hyponatraemic ascites, **A1386**

Urease test, rapid, 4-hour, sensitivity and specificity to culture and histology for detection of *Campylobacter pyloridis* in gastric and duodenal biopsies, **A1406**

Ursodeoxycholic acid and chenodeoxycholic acid, combined treatment with, bile lipid and gall stone dissolution responses to, **A1360**

———— treatment and postulated mechanism of calcification of radiolucent gall stones, **A1385**

Vagal function, abnormal, in irritable bowel syndrome, **A1344**

Vagotomy, diarrhoea after, impaired gastric adaptive relaxation in patients with, **A1403**

——, effect on *Campylobacter pyloridis*, **A1410**

——, gastric, proximal, clinical results 10 years after, **A1404**

——, highly selective, for duodenal ulcer, long term assessment of efficacy, **A1374**

——, ————, in treatment of acute complications of peptic ulcer, **A1404**

——, ————, recurrent ulceration after, 'acid antrum' as possible cause of, histological study, **A1411**

——, truncal, and pyloroplasty, gastric emptying after, mechanisms governing biphasic pattern of, **A1332**

VAIRA, D, *et al.*: Comparative study of 4-hour rapid urease test to culture and histology for the detection of *Campylobacter pyloridis* in gastric and duodenal biopsies, **A1406**

Variceal haemorrhage, active, metoclopramide for arrest of, trial of, **A1380**

————, acute, and severe cirrhosis, endoscopic sclerotherapy and transhepatic embolisation in patients with, trial of, **A1348**

————, ——, management of, medical/surgical team approach to, **A1386**

————, bleeding and mortality after, effect of continued alcohol consumption, **A1386**

————, hepatic venous pressure gradient increased by carbohydrate meals in cirrhotics after, **A1348**

————, oesophageal, onset of, biphasic diurnal pattern of, **A1380**

————, ——, surgical management of, Warren shunt *v* lienorenal shunt for, 15 years' experience, **A1386**

————, SMS 201-995 in management of, **A1380**

Varices, oesophageal, rebleeding from, propranolol and sclerotherapy for prevention of, trial of, **A1359**

——, ——, ultrasound identification of, comparison with endoscopy, **A1359**

Vasoactive intestinal peptide. *See* VIP

Vater's ampulla. *See* Ampulla of Vater

VICKERS, C, *et al.*: Liver transplantation for fulminant hepatic failure, **A1345**

——, *et al.*: Prospective controlled trial of propranolol and sclerotherapy for prevention of rebleeding from oesophageal varices, **A1359**

Videoproctography and anorectal physiology, outcome after rectopexy for solitary rectal ulcer syndrome predicted by?, **A1361**

Villous atrophy, partial, and fat malabsorption, diarrhoea related to, in HIV infection in male homosexuals, **A1353**

VIP and PHI, different effects on intestinal adenylate, **A1393**

—— binding sites, localisation in human and guinea pig gut using *in vitro* autoradiography, **A1333**

Visceral myopathy, familial, **A1399**

Vitamin B_{12}, food bound, assimilation of, effects of 'mucosal protective' and antisecretory drugs, **A1341**

—— E deficiency, effects on small intestinal transport function, **A1354**

WALAN, A, *et al.*: Omeprazole and ranitidine in the treatment of benign gastric ulcer – an international multicentre study, **A1340**

WALT, R P, *et al.*: Effect of indomethacin and ranitidine on gastric acidity, **A1373**

WARD, D C, *et al.*: Validation of non-invasive assessment of duodenogastric reflux, **A1408**

Water absorption, reduction in successful rat small bowel transplants, denervation prime cause of, **A1335**

—— transport in infant mouse intestine *in vitro*, effect of rotavirus infection, **A1334**

WATSON, A: Factors influencing survival in oesophageal cancer, **A1358**

WATSON, A J M, *et al.*: Acetate uptake in rat small intestine is not sodium dependent, **A1335**

——, *et al.*: Denervation is the prime cause of reduced water absorption in successful rat small bowel transplants, **A1335**

WATSON, R G P, *et al.*: Circulating osteocalcin as an index of bone turnover in primary biliary cirrhosis pre- and post-liver transplantation, **A1345**

WATSON, S, *et al.*: Gastrin – *in vitro* and *in vivo* studies in gastric and colorectal cancer, **A1332**

WATT, I, *et al.*: Laparoscopy, ultrasound or CT in the detection of intra-abdominal metastases for oesophageal cancer?, **A1378**

Weight loss and gastric emptying, effect of Garren gastric bubble with or without 600 calorie diet, trial of, **A1412**

Wheat protein and gut abnormalities, role in rheumatoid arthritis, **A1398**

WHEATLEY, K E, *et al.*: Intragastric fibrinolysis in bleeding peptic ulcer disease, **A1402**

White cells. *See* Leucocytes

WILKINSON, M L, *et al.*: Natural history of primary sclerosing cholangitis HLA antigens as predictors of prognosis, **A1345**

WILLIAMS, A J K, and BARRY, R E: Penicillamine and cysteine inhibit acetaldehyde induced superoxide production by the neutrophil, **A1331**

——, *et al.*: Activated complement is cytotoxic to isolated rat hepatocytes, **A1394**

——, *et al.*: Detection of the acetaldehyde adduct on hepatocyte membranes of rats fed ethanol, **A1393**

WILLIAMS, J, *et al.*: Intensive dietary counselling in adolescents with cystic fibrosis, **A1352**

WILSON, J A, *et al.*: CO_2 *v* air – an evaluation of discomfort after colonoscopy, **A1370**

WINSLET, M C, *et al.*: Aetiology of continued 'defecation' in the presence of loop ileostomy, **A1365**

——, *et al.*: Colonic cellular proliferation rates in normal subjects: the effect of the faecal stream, **A1366**

——, *et al.*: Factors influencing the outcome [illegible]storative proctocolectomy, **A1365**

——, *et al.*: Faecal diversion in the management of Crohn's disease, **A1344**

——, *et al.*: Fistulae in anorectal sepsis: the relevance of microbiology and necessity of repeat examination under anaesthesia, **A1369**

——, *et al.*: Mucosal glycoprotein synthetase in Crohn's disease: a protective mechanism?, **A1388**

——, *et al.*: Sustained epithelial proliferation after faecal diversion for Crohn's disease objective evidence of mucosal recovery, **A1391**

WY-45,727, dose dependent inhibition of 24 hour intragastric acidity, **A1339**

WYATT, J I, *et al.*: *Campylobacter pyloridis* in tropical Africa, **A1409**

WYNNE, H, *et al.*: Liver volume, blood flow and perfusion fall in aging man – an explanation for altered drug metabolism in the elderly, **A1347**

YOSHIOKA, K, and KEIGHLEY, M R B: Physiological parameter should dictate the surgical management of longstanding idiopathic chronic constipation, **A1362**

——, *et al.*: Clinical and physiological evaluation of postanal repair, **A1362**

——, *et al.*: Does the position of the patient influence the results of anorectal manometry?, **A1362**

Zollinger-Ellison syndrome, secretin provocation test in, synthetic secretin secretolin as substitute for GIH natural secretin in, **A1407**

Zymogens of human pancreatic proteases, not activated by oxygen free radicals, **A1394**